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1911/12

Bulletin MARCH, 1912 Series XII. Number I.

# Parsons College Catalogue

LIBRARY
OF THE
UNIVERSITY OF ILLINOIS
AT URBANA

1911-1912

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# PARSONS COLLEGE, FAIRFIELD, IOWA

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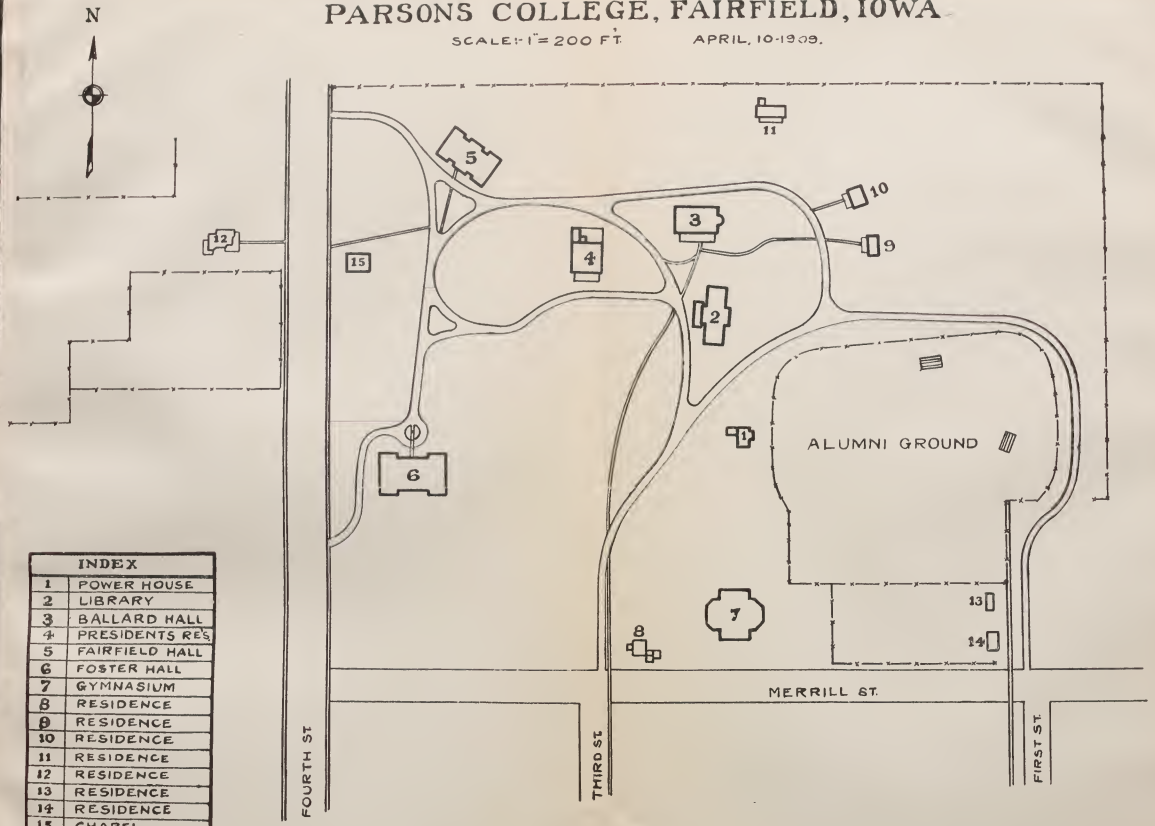


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# ANNUAL CATALOGUE

OF

# Parsons College

FOR THE

## College Year 1911-1912

WITH

## Announcements for 1912-1913

FAIRFIELD, IOWA
PUBLISHED BY THE COLLEGE
1912

# CALENDAR-1912

## JANUARY.

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# 1913

## JANUARY.

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## FEBRUARY.

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## MARCH.

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## APRIL.

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## JUNE.

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ENTRANCE TO CAMPUS

"HAVING long been of the opinion that for the usefulness, prosperity and happiness of children, a good moral and intellectual or business education, with moderate means, was far better than large, unlimited wealth, . . . and having long been convinced that the future welfare of our country, the permanence of its institutions, the progress of our divine religion, and an enlightened Christianity, greatly depend upon the general diffusion of education under correct moral and religious influence, and having during my lifetime used, to some small extent, the means given me by my Creator in accordance with these convictions, and being desirous of still endowing objects so worthy as far as in my power lies, I do therefore, . . . give and bequeath the residue of my estate . . . to my said executors and the survivors or survivor of them, in trust, to be by them used and expended in forwarding and endowing an institution of learning in the State of Iowa."

LEWIS. B. PARSONS.

# College Calendar

## 1912.

### January.

4. Thursday. 8:00 a. m.—Class Exercises resume.
23-26. Tuesday to Friday.—Mid-Year Examinations.
30. Tuesday. 8:00 a. m.—Registration for Second Semester.
31. Wednesday. 8:00 a. m.—Regular Class Exercises begin.

### February.

8. Thursday.—Day of Prayer for Colleges.
24. Saturday.—Founder's Day.
Mid-Year Meeting of Trustees.

### March.

4. Monday.—Examinations for removal of first semester conditions.

### April.

2-6. Tuesday to Saturday.—Spring Vacation.

### May.

1. Wednesday.—Last day for submitting Senior Theses.
28. Tuesday.—Senior Vacation begins.

### June.

6-10. Thursday to Monday.—Final Examinations.
9. Sunday. 11:00 a. m.—Baccalaureate Sermon.
4:30 p. m.—Vesper Service.
7:30 p. m.—Address before the Christian Associations.
10. Monday. 3:00 p. m.—Academy Prize Contest.
7:30 p. m.—Graduating Exercises of Academy.
11. Tuesday. 7:00 p. m.—Meeting of Board of Trustees.
8:00 p. m.—Class Day Exercises.
12. Wednesday. 2:30 p. m.—Mason and Kellogg Prize Contests in Oratory.
5:00 p. m.—Alumni Picnic.
7:30 p. m.—Valedictory Exercises of Literary Societies.
13. Thursday. 10:00 a. m.—Thirty-seventh Annual Commencement.
12:00 m.—Alumni Dinner.

**September.**

10. Tuesday.—Examinations for removal of conditions.
11. Wednesday.—First Semester begins.
    8:00 a. m.—Registration of all students.
    1:00 p. m.—Registration continued.
12. Thursday. 8:00 a. m.—Regular Class Exercises begin.
13. Friday. 10:00 a. m.—Opening Address.

**November.**

15. Friday.—Last day for submitting subjects for Senior Theses.
28. Thursday.—Thanksgiving Holiday.

**December.**

20. Friday. 12:20 m.—Christmas Holidays begin.

## 1913.

**January.**

7. Tuesday. 8:00 a. m.—Class Exercises resume.
28-31. Tuesday to Friday.—Mid-Year Examinations.

**February.**

4. Tuesday. 8:00 a. m.—Registration for Second Semester.
5. Wednesday. 8:00 a. m.—Regular Class Exercises resume.
13. Thursday.—Day of Prayer for Colleges.
22. Saturday.—Washington's Birthday.
24. Monday.—Founder's Day.
    Mid-Year Meeting of Trustees.

**March.**

3. Monday.—Examinations for removal of First Semester conditions.

**April.**

1-5. Tuesday to Saturday.—Spring Vacation.

**May.**

1. Thursday.—Last day for submitting Senior Theses.
27. Tuesday.—Senior Vacation begins.

**June.**

5-9. Thursday to Monday.—Final Examinations.
8. Sunday.—Baccalaureate Sermon.
9. Monday.—Graduating Exercises of Academy.
10. Tuesday.—Meeting of Board of Trustees.
11. Wednesday.—Alumni Day.
12. Thursday.—Thirty-eighth Annual Commencement.

# Board of Trustees

| | | |
|---|---|---|
| | *George W. Cable, | Davenport, Iowa |
| | William T. Bell, | Chariton, Iowa |
| RETIRE | Thomas D. Foster, LL. D., | Ottumwa, Iowa |
| 1912 | Paul S. Junkin, | Creston, Iowa |
| | Hon. Charles D. Leggett, | Fairfield, Iowa |
| | John M. Lyons, | La Harpe, Illinois |
| | William C. Howell, Esq., | Keokuk, Iowa |
| | A. G. Jordan, Esq., | Fairfield, Iowa |
| RETIRE | J. S. McKemey, Esq., | Fairfield, Iowa |
| 1913 | *George Parsons, | Watervliet, Michigan |
| | William E. Thompson, | Fairfield, Iowa |
| | Hon. C. J. Fulton, | Fairfield, Iowa |
| | D. C. Bradley, | Centerville, Iowa |
| | Charles Carter, | Fairfield, Iowa |
| RETIRE | *Rev. Willis G. Craig, D. D., LL. D. | Chicago, Illinois |
| 1914 | Winfield Smouse, | Washington, Iowa |
| | Rev. R. A. Montgomery, D. D., | Ottumwa, Iowa |
| | George W. Richardson, | Clarinda, Iowa |
| | W. E. Blake, Esq., | Burlington, Iowa |
| | C. W. Black, | Malvern, Iowa |
| RETIRE | Rev. E. B. Newcomb, D. D. | Keokuk, Iowa |
| 1915 | Hon. W. B. Seeley, | Mt. Pleasant, Iowa |
| | John C. Thorne, | Fairfield, Iowa |
| | Rollin J. Wilson, Esq., | Fairfield, Iowa |
| | Theodore W. Barhydt, | Burlington, Iowa |
| | Frederick D. Mason, | Lincoln, Nebraska |
| RETIRE | *Hon. S. H. Harper, | Ottumwa, Iowa |
| 1916 | Charles L. Parsons, | Boulder, Colo. |
| | Rev. Willis E. Parsons, D. D., | Fairfield, Iowa |
| | W. G. Ross, Esq., | Fairfield, Iowa |

* Deceased.

## OFFICERS OF THE BOARD.

Thomas D. Foster, LL. D., President.
Rev. R. Ames Montgomery, D. D., Vice President
Rollin J. Wilson, Esq., Secretary.
William E. Thompson, Treasurer.

## EXECUTIVE COMMITTEE.

Thomas D. Foster, LL. D., Chairman.
W. G. Ross, Esq., Secretary
Rollin J. Wilson, Esq., W. E. Blake, Esq.,
John C. Thorne, J. S. McKemey Esq.,
William E. Thompson.

## FINANCE COMMITTEE.

Hon. Charles D. Leggett, Esq., W. G. Ross, Esq.,
John C. Thorne.

## VISITORS OF THE BOARD OF TRUSTEES.

Rev. R. Ames Montgomery, D. D., Ottumwa, Iowa.
Charles W. Black, Malvern, Iowa.
William Bell, Chariton, Iowa.

## VISITORS OF THE SYNOD OF IOWA.

Rev. George Furniss, Newton, Iowa.
Rev. T. H. Osman, Chariton, Iowa.
Elder H. P. Jaqua, Bedford, Iowa.

# Faculty

REV. WILLIS EDWARDS PARSONS, D. D.,

*President.*

*Martha Pettus Parsons Professor of Biblical Literature and Evidences.*

A. B., Olivet College, 1881; D. D., ibid., 1902; Princeton Theological Seminary, 1881-4; Pastor Presbyterian Church, Albion, Mich., 1884-93; Pastor First Presbyterian Church, Danville, Ill., 1893-1904; Parsons College, 1904-.

WILLIAM ALFRED WIRTZ, A. M.,

*Professor of Modern Languages.*

A. B., Cornell College, 1889; A. M., ibid., 1892; Principal of Schools, Lisbon, Iowa, 1887-9; Graduate Student, University of Chicago, 1897-1901 (summer quarters); Graduate Student, University of Berlin, 1902; Parsons College, 1889-.

JOB EDGAR JOHNSON, A. M.,

*Levi Parsons Professor of the Latin Language and Literature.*

A. B., Yale University, 1898; A. M., Harvard University, 1899; Graduate Student, Harvard University, 1898-9; Teacher, Brookline (Mass.) High School, 1899; Parsons College, 1899-.

RAPHAEL MONROE McKENZIE, Ph. D.,

*Professor of Chemistry and Physics.*

B. S., New York University, 1890; M. S., ibid., 1892; Ph. D., John Hopkins University, 1896; Demonstrator in Chemical Laboratory and Scientific Fellow, New York University, 1891-2; Instructor in Chemistry, University of Cincinnati, 1897-8; Instructor and Assistant Professor of Chemistry, Stevens Institute of Technology, 1900-3; formerly Member of German Chemical Society; Member of American Chemical Society; Parsons College, 1903-.

HARRY MOREHOUSE GAGE, A. M.,

*Armstrong Professor of Philosophy.*

A. B., University of Wooster, 1900; A. M., Columbia University, 1904; Professor of Philosophy, Huron College, 1900-3; Student in Philosophy and University Fellow, Columbia University, 1903-5; Parsons College, 1905-.

CHARLES CARTER, M. S.,
*Ringland Professor of Biology.*

B. S., Parsons College, 1894; M. S., ibid., 1897; Teacher of Science in Columbus Junction and Fairfield High Schools, 1894-7; Superintendent, Corydon Public Schools, 1897-1904; Professor, Idaho State Normal School, 1905-8; Parsons College, 1908-.

PHILO CARPENTER HILDRETH, A. M.,
*Professor of History and Economics.*

A. B., Oberlin College, 1889; A. M., Columbia University, 1912; Instructor in Greek, Oberlin Summer School, 1888; Engaged in Banking, 1898-1906; Graduate Student, University of Chicago, 1907; Professor of History and Economics, Westminster College, Denver, Colo., 1907-9; Graduate Student, Columbia University, 1909-10 and First Semester, 1911-12; Parsons College, 1910-.

EMERY ERNEST WATSON, M. S.,
*Professor of Mathematics.*

M. Di., Iowa State Normal School, 1901; B. S., Iowa State University, 1905; M. S., ibid., 1905; Student in the University of Chicago, (summer quarters,) 1906, 1907, 1908; Professor of Mathematics and Physics, Wheaton College, 1905-8; Assistant Professor of Mathematics, Washington State College, 1908-10; Parsons College, 1910-.

_____*

*Skinner Professor of Greek.*

MARY MUNFORD PATTISON, A. B.,
*Instructor in French.*

A. B., Tarkio College, 1904; Teacher of English, Assiut College, (Assiut, Egypt,) 1905-8; Parsons College, 1908-.

ANNA IRENE MILLER, A. M.,
*Instructor in English.*

A. B., Mt. Holyoke, 1909; A. M., Columbia University, 1910; Parsons College, 1910-.

SALLIE MAY AKIN,
*Librarian.*

Graduate of School of Library Science, Pratt Institute, 1910; Parsons College, 1910-.

BESSIE B. BUCHANAN,
*Instructor in Academy English and in Methods of Education.*

Graduate Iowa State Normal School, 1898; County Superintendent, Jefferson County, 1906-10; Parsons College, 1910-.

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* Vacant, 1911-12.

ELSIE EUGENIA ZICHY, A. B.,
*Instructor in Public Speaking.*

A. B., Parsons College, 1909; Librarian, Parsons College, 1909-10; Columbia College of Expression, 1910-11; Parsons College, 1911-.

MARTHA MACKENZIE REID, A. B.,
*Instructor in History.*

A. B., Monmouth College, 1892; A. B., Mt. Holyoke College, 1893; Graduate Student in University of Chicago, 1899-1900; Instructor in Latin, Tarkio College, 1895-1902; Instructor in Latin, Buena Vista College, 1905-1909; Instructor in English and History, Northeast Missouri Normal School, 1909-11; Parsons College, 1911-.

ALLEN PALMER BERKSTRESSER, A. B.,
*Instructor in Physical Education and Director of Athletics.*

A. B., Morningside College, 1910; Parsons College, 1910-.

NOI McHENRY,
*Instructor in Domestic Science.*

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**STUDENT ASSISTANTS.**

BRUCE GATES.
*Instructor in Commercial Branches.*

ETHA LOUISE BUCHANAN,
*Library Apprentice.*

HAROLD FREDERICK CASSEL,
LUCY EMILY EDWARDS,
MARK HOPKINS TIBBETTS,
*Assistants in Biology.*

MARTIN ARTHUR GEARHART,
*Assistant in Chemistry.*

ARTHUR LEIGHTON YOUNG,
*Assistant in Physics.*

DANIEL LUDWIG WINTER,
*Assistant in Academy Physics.*

RUTH L. COURTER,
ANTOINETTE LOUISE McMULLIN,
*Assistants in Mathematics*

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**FACULTY OF SCHOOL OF MUSIC.**

JAMES POLLOCK MOORHEAD,
*Director of School of Music, and Instructor in Piano, Harmony and Musical History.*

Graduate New England Conservatory of Music, 1901; Studied in Leipzig, Germany, 1903-4; Parsons College, 1904-.

FLORENCE LOUISE AVERY,
*Instructor in Piano and Theory.*

Graduate, New England Conservatory of Music, 1901; Graduate Student, ibid., 1901-2; Pupil of Joseffy, (summer) 1906; Studied with Teichmuller, Leipzig, Germany, 1909-10; Instructor in Piano, Belhaven College, Jackson, Miss., 1902; Parsons College, 1903-.

FLORENCE MARGARET GLENN,
*Instructor in Voice.*

Graduate, Tarkio Conservatory of Music, 1908; Supervisor's Course, Drake University Conservatory of Music, 1908 (summer); Summer Course in Voice, Lake Chautauqua, N. Y., 1909; Parsons College, 1908-.

FRED HUNT.
*Instructor in Violin.*

Pupil of Spiering, 1899-1901; Parsons College, 1901-.

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## LECTURERS AND OTHER OFFICERS.

JOHN V. BEAN, M. D.,
*Lecturer on Sanitary Science.*

M. D., Bellevue Hospital Medical College, 1868; Acting Assistant Surgeon, U. S. Army, 1868-70; Member of American Medical Association, 1880; Member of Iowa State Medical Society, 1892; U. S. Examining Surgeon, 1897; Parsons College, 1889-.

WILLIAM G. ROSS, A. M.,
*Lecturer on the Constitution of the United States.*

A. B. Parsons College, 1880; A. M., ibid., 1883; Parsons College, 1897-.

JAMES FREDERICK CLARKE, A. M., M. D.,
*Lecturer on Mycology.*

B. S., State University of Iowa, 1886; A. M., ibid, 1889; M. D., University of Pennsylvania, 1889; Graduate Student, University of Goetingen, 1895; Graduate Student, Johns Hopkins University, 1895; Major and Surgeon, 49th Iowa Volunteer Infantry, 1898-9; Member of American Medical Association, 1894; American Public Health Association, 1899; American Association for the Advancement of Science, 1900; Fellow of Iowa Academy of Sciences, 1897; Lecturer on Hygiene, State University of Iowa, 1900-4; Parsons College, 1902-.

NOI McHENRY,
*Matron of Ballard Hall*

JAMES TURNER,
*Custodian of Buildings.*

## OFFICERS OF ADMINISTRATION.

Willis E. Parsons, : : : : : : : President
Harry M. Gage, : : : : : : : Dean
Mary M. Pattison, : : : : : : Dean of Women
William A Wirtz, : : : : Secretary of the Faculty
Charles Carter, : Registrar and Principal of the Academy
Sallie May Akin, : : : : : : : Librarian
Claude E. Downard, : : : : Secretary to the President

## CLASS OFFICERS.

Seniors and Juniors—Dr. McKenzie.
Sophomores—Professor Johnson.
Freshmen—Professor Watson.
Academy—Professor Carter.

## STANDING COMMITTEES OF THE FACULTY.

Administration—President Parsons, Professors Gage, Carter, Miss Pattison.

Admission—Professors Wirtz, McKenzie, Watson.

Appointments—Professors Gage, Wirtz, Miss Buchanan.

Athletics—Mr. Berkstresser, Professors Johnson, Hildreth, Miss Zichy.

Book Room—Professor Watson, Mr. Downard.

Catalogue—Professors Gage, Watson, Hildreth, Mr. Moorhead.

Curriculum—Professors McKenzie, Carter, Wirtz, Gage.

Debates—Professors Johnson, Watson, Miss Zichy.

Library—President Parsons, Professors Gage, McKenzie, Miss Akin, Miss Buchanan.

Public Exercises—Professors Johnson, Hildreth, Mr. Berkstresser.

Religious Life—President Parsons, Professors Gage, Hildreth, Miss Pattison.

Schedule—Professors Watson, Carter.

Scholarships—President Parsons, Professors Gage, Wirtz.

Social Functions—Professor Gage, Miss Pattison, Mr. Downard.

Student Publications—Miss Pattison, Miss Miller.

# Historical

## SKETCH.

Parsons College stands as a concrete expression of the desire of a Christian business man, Lewis B. Parsons. The wish of its honored founder was to make possible an education, under Christian influences for the youth of Iowa. Dying twenty years before the College was begun he could only devise and make known his wishes.

At the earliest possible date the sons of Mr. Parsons, who were his executors, sought to carry out the wish of their father. After careful consideration it was decided to accept the offer of a site from Fairfield, and the College was founded February twenty-fourth, 1875.

The following September school was opened as an institution of college rank under the care of the Presbyterians of Iowa. Young men and women were admitted on equal terms.

The first class was graduated in 1880, and numbered sixteen. The Alumni now number four hundred and nine.

On the night of August nineteenth, 1902, Ankeney Hall, the main building, was totally destroyed by fire. This meant the loss of everything which constitutes a college and it looked dark for the future. But out of this loss there has arisen a new and greater Parsons. In place of one building of the early days there are now eleven, and instead of the three members of the first Faculty there are twenty, thus enlarging the scope of the work and assuring the future.

## PRESIDENTS OF PARSONS COLLEGE.

| | |
|---|---|
| Rev. John Armstrong, - - - - - - | 1877-1879 |
| Rev. E. J. Gillette, D. D., - - - - - - | 1879-1880 |
| Rev. T. D. Ewing, D. D., - - - - - - | 1880-1889 |
| Rev Ambrose C. Smith, D. D., - - - - - | 1889-1896 |
| Rev. Daniel E. Jenkins, D. D. Ph. D., - - - | 1896-1900 |
| Rev. Frederick W. Hinitt, D. D., Ph D, - - - | 1900-1904 |
| Rev Willis E. Parsons, D. D., - - - - - | 1904- |

## SUMMARY OF EVENTS.

The Lewis B. Parsons Will Executed, - - December, 1855
Citizens of Fairfield organized to secure the Parsons Endowment Fund, - - - - - - November 24, 1874
Articles of Incorporation signed, - - February 24, 1875
College opened in the Bernhart Henn residence, September 8, 1875
Rev. Alex. G. Wilson, A. M., began three years service as Rector of the Academy, - - - - - - - - 1875
Rev. John Armstrong began two years service as Financial Agent and Professor of Morals, - - - - 1875
Alethean Society organized, - - - - October 5, 1875
Aldine Society organized, - - - - October 15, 1875
First College Building and Chapel occupied, - January, 1876
Department of Music opened, - - - September, 1879
Orio Society organized, - - - - - - - - 1879
First Class graduated, - - - - - June 16, 1880
First edition of The Portfolio, - - - December, 1881
Armstrong Professorship founded, - - - - - 1882
Corner Stone of New College laid, - - - June 2, 1882
Ringland Professorship founded, - - - - - 1882
Elzevir Society organized, - - - - January 19, 1883
Hunt Professorship founded, - - - - - - - 1883
Levi Parsons Professorship founded, - - - - 1892
Ankeney Hall completed, - - - - - January, 1893
Skinner Professorship founded, - - - - - - 1898
Corner Stone of Ballard Hall laid, - - - April 8, 1901
Ankeney Hall destroyed by fire, - - - August 19, 1902
Foster Hall opened, - - - - - - September 22, 1903
Fairfield Hall opened, - - - - September 22, 1903
Empyrean Society organized, - - - November 19, 1903
Rev. Willis E. Parsons, D. D., inaugurated as President of the College, - - - - - - - - May 30, 1905
Martha Pettus Parsons Professorship founded, - - 1907
Alumni Field dedicated, - - - - - June 5, 1907
Library dedicated, - - - - - - June 5, 1907
Trustee Gymnasium dedicated, - - - - June 8, 1909
Corner Stone of Barhydt Chapel laid, - - - June 8, 1910
Dedication of Barhydt Chapel, - - - October 18, 1911

# Buildings and Equipment

**FAIRFIELD HALL** (40x86 feet), so named in recognition of the generosity of the citizens of Fairfield in contributing to the building fund, is constructed of pressed brick, trimmed with white brick and stone, and provides commodious quarters for the literary work of both the Collegiate and Academic departments. It contains well-lighted class rooms, an assembly room with a seating capacity of two hundred twenty-five, offices, cloak rooms fitted with lockers, and rooms for the literary societies of the College.

The furniture of the class rooms is all of the most approved kind, consisting of tablet chairs fitted with iron pedestals firmly fastened to the floor, excellent blackboards, and special maps as required by the different departments.

**FOSTER HALL** (69x112 feet), the home of the science department, so named in recognition of the generous gift of Mr. T. D. Foster of Ottumwa toward the building fund, is most complete in all its appointments.

**The Department of Chemistry** occupies the greater part of the third floor. There is provided on the south side of the building a room for the department library, the private laboratory of the professor, and the lecture room. The lecture room seats seventy pupils and is furnished with rows of opera chairs each row raised above the one in front so that the lecture table may be seen by all students. The lecture table is provided with gas, pneumatic trough, running water, and a suction to carry away any gases which might escape during the experiments. Back of the lecture table is a hood and blackboard with charts for illustrating the lectures.

Adjoining the lecture room on the north are the supply room and the weighing room, where the balances for the students doing quantitative work are kept.

The three laboratories are situated on the north side of the building, and provide ample room and the best equipment for work in chemistry. The laboratory for general experimental work and for qualitative analysis is in the middle of the building. It

BARHYDT MEMORIAL CHAPEL—SEE PAGE 10

has desk room for thirty-six students; each desk is provided with a sink, running water, gas, etc. There are also a large number of hoods where obnoxious gases are carried away from the laboratory. At each end of the general laboratory, separated from it by glass partitions, is a smaller laboratory, each having desks for twenty-four students. One of these laboratories is used by the students in quantitative analysis, and the other by students engaged in making chemical preparations, both in organic and inorganic chemistry. Each student is provided with a locker in the hall, and in every way the arrangements are as complete as possible.

**The Biological Department,** occupying the second floor, has large and light laboratories. The principal one of these is that for the use of the class in general biology. This room is at the east end of the building and has accomodations for thirty pupils. It is splendidly lighted by ten large windows. Tables at which two pupils can work are so placed that the light for microscopes cannot be obscured. There are gas connections for each table, and a full set of preserving and staining reagents is provided for each pupil. The microscopes are Bausch and Lomb's B. II., equipped with 2-3 and 1-6 objectives and Nos. 1 and 2 oculars.

The lecture room is in the southwest corner. It is seated with tablet-arm opera chairs. There is a demonstration desk with gas and water attachments for lecture purposes, and a complete projection apparatus has been installed. The department library adjoins the lecture room and is amply furnished with reading tables, chairs, etc.

At the south end is the laboratory for animal morphology, in which provision is made for work in dissection, injection, and all work of like nature. The laboratories for histology, bacteriology, and physiology occupy the north side of the building, and there are also rooms for incubators and for photographic work.

The biological and geological specimens are placed in museum cases that are built around the large entrance hall.

**The Physical Department** occupies the greater part of the first floor of Foster Hall. The west end of the floor is occupied by the electrical laboratory and the general physical laboratory, which accomodates twenty-five students. Adjoining the physical lab-

oratory is the optical laboratory. This can be made perfectly dark, and is provided with gas and electric lights as well as direct electric current for photometric measurements.

The engine room and metal workshop adjoin the electrical laboratory, supplying power to the latter. At the east end of the building are the carpenter shop and the physical lecture room which seats seventy students. The lecture table is provided with gas, sink, water, and a direct electric current of from 2-35 volts and up to 20 amperes. The room is also provided with opaque shades, screen, and projection lantern. Opening from this is the physical apparatus room, which is fitted with glass cases for the apparatus.

The equipment is new and complete, including such pieces as balances, cathetometers, dynamos for direct and alternating current, storage batteries, standard meters, transformers, spectroscope, etc.

**The Department of Physchology** occupies two rooms at the southwest corner of the third floor. One is a recitation and lecture room and the other is the psychological laboratory. The laboratory already has a dark room and the other apparatus is being sercured.

**LIBRARY** (35x90 feet). This building, the gift of Andrew Carnegie and Thomas D. Foster, is constructed of wine-colored brick with Bedford stone trimmings and tile roof. The interior is beautifully finished in Flemish oak, with furniture to correspond. The fire-proof stack room has ample capacity for 25,000 volumes. The remainder of the first floor is given over to the general reading room, the Librarian's room, and the reference alcove. The second floor contains the President's offices, a large room for Faculty and Board meetings, and fire-proof vault.

This part of the equipment of Parsons has had a steady growth during the past seven years. With but three volumes left by the fire of August, 1902, it has increased to over seven thousand usable and used books. Accessions are made to meet the needs of the departments. Effort is being made to increase the efficiency of the reference department.

The Library regularly receives the following periodicals:

American Magazine.
American Naturalist.
American Photography.
Atlantic Monthly.
The Bookman.
Camera Craft.
The Century.
Classical Journal.
The Continent.
Educational Review.
Fleet Review.
Herald and Presbyter.
Independent.
Journal of Home Economics.
Journal of Political Economy.
Literary Digest.
McClures.
Missionary Review.
Modern Language Notes.
Musician.
Nation.
North American Review.
Outlook.
Photo-Era.
Popular Astronomy.
Popular Science Monthly.
Presbyterian Banner.
Psychological Review.
Record of Christian Work.
Review of Reviews.
School Review.
School Science and Mathematics.
Scientific American.
Technical Magazine.
Wallace's Farmer.
World's Work.
The Chicago Record-Herald.
Des Moines Capital.
Ottumwa Courier.
Sioux City Journal.
Magazine Supplement of New New York Times.
Fairfield Journal.
Fairfield Tribune.
Fairfield Ledger.

**BARHYDT MEMORIAL CHAPEL.** This building, the latest addition to our equipment and the most beautiful building on the campus, has been erected by Mr. Theodore W. Barhydt in memory of his father, Nicholas Barhydt, and his mother, Phoebe Headley Barhydt. It is constructed of Bedford and Eddyville stone. A pleasing contrast of color is afforded by the roof, which is of green tile. The extreme length of the building, including the nave and apse, is one hundred and seventeen feet; the length of the transept is sixty feet. The tower, built in Norman style, is fifty-five feet high.

The interior finish of oak and hard pine is done in early English style, the walls being tinted to harmonize with the natural color of the wood. The large windows of the transept are twenty-four feet high and twelve feet in width. They have been designed by skilled artists and are constructed of the finest art glass.

Figures symbolical of Victory are worked into the north window, and in the south window is a representation of the Rich Young Ruler which is intended to be symbolical of human choices.

The main body of the building comfortably seats five hundred and fifty people. A small balcony at the rear has a seating capacity for fifty. The rostrum, elevated three feet above the main floor, is furnished with a handsome desk and seventeen especially designed chairs. On a rising grade to the rear of the rostrum are fifty choir seats and at the extreme end of the apse is ample space for a large organ.

**BALLARD HALL.** (40x90), the young ladies' dormitory, is designed in a modernized colonial style. It is a three-story building constructed of vitrified brick with light trimmings, at an outlay of over $17,000. The interior is arranged on a novel plan. The dining room is a semi-basement apartment not below the outside ground level. The parlor floor is elevated about four feet above the dining room floor, and is connected by open screenwork and free columns with a mezzanine story containing a large hall, the dean's office, the housekeeper's rooms, and four other rooms. One end of this hall terminates in a large art glass window, opening upon a semi-circular balcony. The other terminates in an interior bay window effect, with seat, partition and screen. The parlor is a room 37 feet and 6 inches long by 29 feet wide, divided into six alcoves by four free columns and four partitions the height of the wainscoting. Across the end of one of these alcoves there is a large brick fireplace and mantelpiece. There are seats built into the alcoves and corners, and the whole is arranged so that the parlor and hall may be used as one large room for receptions and other festive occasions, and still be cozy and homelike for every-day use.

The second story is divided into ten apartments, besides a large toilet and bath room. Each apartment furnishes study-room facilities for two students and contains two alcoves. Each of these alcoves is supplied with a single bed and a wardrobe. The rooms are lighted by both gas and electricity, and heated by steam.

**GYMNASIUM** (98x70 feet). This building, erected at a cost in excess of $21,000, in known as Trustee Gymnasium in recognition of the generous contributions of the Board of Trustees. The architecture is Romanesque, special attention being given to the treat-

ment of the outside walls, which present a very artistic appearance. The exterior of the wall has a dry-pressed, chocolate-colored face brick, relieved by profuse Bedford stone trimmings and galvanized iron cornices. The roof is slate and composition.

A solid brick wall divides the basement floor into two compartments, one for men and one for women. Each compartment is provided with a measuring room, locker rooms, and eleven shower baths. In order to insure the best sanitary conditions, special care has been taken to secure well ventilated lockers, a good cement floor, and perfect plumbing and drainage.

The main floor of the building contains two office rooms, an apparatus room, and the large exercise and drill hall. The roof being supported by trusses, this hall presents a free floor space ninety-five feet long and fifty feet wide. The floor is hard maple. Nine feet above the floor on the exterior wall is a running track. On a level with the track and above the offices are two trophy rooms. A special feature of the main floor is a stage, raised above the level of the floor and built above the rear porch of the building. At the front of the stage is a proscenium arch. At the side of the main entrance is a room equipped with cupboards and sinks. These arrangements make it possible to use the room for banquets and entertainments, and as an auditorium. By using the track as a gallery one thousand people can be seated in view of the stage.

The interior wood finish of the building is natural oak. The interior walls are of white brick, with a chocolate-colored brick wainscoting.

**PROFESSORS' HOUSES.** On the campus are three brick houses with all modern improvements. Two of these houses, recently erected by the College, are occupied by two of the professors and their families. Immediately adjoining the campus is another modern residence which is owned by the College and occupied by one of the professors.

**CENTRAL HEATING PLANT.** All College buildings are heated from the central plant. It provides space for two boilers of one hundred and twenty-five horse-power each. Besides the boiler room and coal bins, the plant contains two rooms for the use of janitors.

# General Information

## Aim.

As seen in the introductory historical statements, the aim of the College is to afford students of both sexes the advantages of a liberal education in the Arts, Sciences and Philosophy. Its courses of study and methods of instruction are adapted to secure accurate scholarship and thorough discipline. It aims not only to fit its students for professional study and practical life, but also to form the character by a broad Christian culture. This it seeks to attain by direct Biblical instruction in the class room and by the Christian spirit which pervades all the work of the College.

## Location.

The city of Fairfield is one of the most delightful in the state. It is situated at the crossing of the Chicago, Burlington & Quincy and the Chicago, Rock Island & Pacific railroads, and is easy of access from all points. The place is healthful, the society congenial, cultured and Christian. Many families have removed to Fairfield to secure for their children the advantages of the College, a plan which it is hoped many others may follow.

## The College Library.

It is the aim of the Faculty to keep this distinctly a reference library. New books are purchased to increase the efficiency of the various departments of the College. In addition to the main library, there are two specialized science libraries in Foster Hall for the greater convenience of students in biology and chemistry. The State Traveling Library also loans collections of books which may be changed as need arises. The College possesses exchange privileges with the Fairfield City Library, which is a depository for government documents and therefore offers facilities for research work in certain lines.

The students have access to the shelves and the privilege of drawing books during the hours of the recitation days and two evenings a week. The use of the library is also extended freely to

all graduates, clergymen, teachers in the vicinity of the College, and to such others as comply with the necessary conditions.

From time to time picture exhibits are held in the reading rooms, and to these the public is cordially invited.

Every effort is made to have the library properly supplement the work of the class room.

### Fairfield Free Public Library.

This library offers excellent facilities, free of expense, to the students of Parsons College. It contains a valuable collection of 20,000 volumes in all departments of literature. Its museum contains about 20,000 specimens, and is especially rich in the departments of zoology and ethnology. Additions are continually being made both to the library and museum.

Through the munificence of Mr. Andrew Carnegie, a fire-proof building, complete in all its appointments and a model of architectural beauty, was erected in 1892, at an expense of $40,000.

### Religious Exercises.

Daily religious services, at which all students are required to be present, are held in Barhydt Chapel, under the direction of the Faculty.

Every student is required to select some church in the city, and to attend its services at least once on the Sabbath. Students are also expected to attend the Vesper services held in the College Chapel on Sabbath afternoon.

### Religious Organizations.

There are two College Christian Associations, one for the young men, and the other for the young women. Under the direction of the Associations, a large part of the religious work among the students is carried on. They are well organized, and have a large membership from all classes. The meetings are a very important feautre of college life.

### Y. M. C. A.

The Young Men's Christian Association of the College, in addition to the regular weekly prayer-meeting, conducts classes for the systematic study of the Bible and of missions. The student is guided by outlines published by the International Committee. The Association is annually represented at the Lake Geneva Conference by several delegates.

### Y. W. C. A.

The young ladies of the College are annually organized into circles for systematic Bible and mission study. The students are guided in their work by a suitable outline of study chosen from among those recommended at the Lake Geneva Conference. In addition to these meetings, a prayer meeting is held every Tuesday evening. In connection with the Y. M. C. A., a monthly meeting is held for the study of missions and missionary subjects.

### Literary Societies.

There are four literary societies in the College, conducted by the students under the general regulation of the Faculty. These are Aldine, Orio, Elzevir and Empyrean. They present opportunities for improvement in writing and extemporaneous speaking and in parliamentary practice. Annual prize contests in declamation, debate, oratory, and essay-writing are held in each of these societies. These contests furnish a stimulus to excellence in literary work.

### Physical Training and Athletics.

The College authorities encourage physical training as acquired in the exercises and contests of the athletic field. The direction of Athletics is now vested in the Board of Athletic Control, consisting of two Faculty members, two alumni members, and two members from the student body. This Board maintains the usual ball, tennis and track teams. The enlarged athletic field is now fitted out with a quarter-mile cinder track, enclosing a gridiron and diamond of the most approved pattern. The College permits and favors intercollegiate athletics. The Director of Athletics supervises all athletic games and conducts classes in physical training for all students.

### State Teachers' Certificate.

On application to the State Examining Board, graduates of Parsons College may receive a five-year first grade certificate, if certain work prescribed by the Board has been included in the course pursued by the applicant. This prescribed work consists of twenty semester-hours, as follows: Psychology, six hours: Education, fourteen hours.

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### Conduct of Students.

The Faculty of the College has passed certain administrative rules which apply to absences, credits, honors, and similar matters. With reference to the general conduct and deportment of students it is the policy of the Faculty not to pass rules; and, with few exceptions this policy has been strictly followed. Students, when they matriculate are placed on their honor. They are expected to behave in a gentlemanly manner at all times and in all places, to respect the rights and privileges of their instructors and fellow students, and to attend faithfully to their work. Without assigning any specific reason, the Faculty may at any time dismiss any student whose conduct is in their judgment detrimental to the welfare of the institution.

### Recitations, Examinations and Absences.

Students will be admitted at any time and assigned to classes for which they may be prepared, but it is very important and desirable that they enter at the beginning of a semester.

No college exercises are held on Monday. The closing days of each semester are devoted to examinations on the work of the semester.

Admission to classes is by cards. These are granted by the class officers to each student when he presents a receipt from the treasurer for the semester's bills. No student will be enrolled in any class until he has presented his card for that class to the instructor; and **no student will be permitted to drop out of a class without permission from the Faculty.** Violation of this regulation deprives a student of credits made in other classes until all the courses for which he is registered have been satisfactorily completed.

Five or more unexcused absences deprive a student of credit in the course in which the absences occur. Credits lost in this way may be restored only when the work in arrears has been satisfactorily completed. In administering this rule two excused absences are counted as equal to one unexcused. Unexcused absences on the day or days immediately preceding or following a regular scheduled holiday or recess and all prearranged or concerted absences by any considerable number of students shall count double and receive double penalty.

### Reports and Grades.

The record of each student is sent to his father or guardian at the end of each semester, and failure to receive such report should at once be communicated to the Registrar of the Faculty. Grades are reported in percentages. Grades below 60 per cent. indicate **failure,** and no credit is allowed for work so recorded. Grades between 50 and 60 per cent. do not necessarily exclude a student from continuing in the course in which such grades are received. Arrangements for continuing the course and completing the work in arrears may be made, if the instructor considers it advisable. At the option of the instructor, students whose class work averages 95 per cent. may be exempt from the semester examination.

### Honors in All Studies.

In order to encourage students to excel in all studies of the College course, the following system of Honors was adopted to become effective at the beginning of the year 1908-09: A student whose average grade for the eight semesters of his or her college course shall not fall below 95 per cent. shall be entitled to receive the Baccalaureate degree **Summa cum laude.** For an average of 93 per cent. and below 95 per cent. the degree is conferred **Magna cum laude;** and for an average of 90 per cent. and below 93 per cent. the degree is conferred **Cum laude.**

### Graduation.

A detailed statement of the requirements for graduation is made on another page. A general statement is that the work of the College is a course requiring four years of residence (except for those admitted to advanced standing) leading to the Bachelor's degree in Arts, Science, or Philosophy, according as the student does major work in one or another of these fields. Regular work for each student is four approved courses and Bible each semester. The number of semester hours for graduation will be found to vary in individual cases from 120 to 128.

### Second Degrees.

The College confers the degrees of Master of Arts and Master of Science upon graduates who have previously taken a baccalaureate degree in this College. Candidates who wish to be recommended

for either of these advanced degrees must pursue an approved course of study equivalent to the work of one year of graduate study in the College, must present a satisfactory thesis, and pass successfully all required examinations. For more detailed information apply to the Secretary of the Faculty. The Master's degree is only conferred in recognition of work done in residence.

### Prizes.

The following prizes are awarded in the College:

1. The Kellogg Prizes first and second of twenty and ten dollars respectively given by Mr. R. D. Kellogg, Kansas City, Missouri, to the two members of the Junior class who shall write and deliver in the best manner an English oration.

2. The Mason Prizes of fifteen and ten dollars, respectively, given by Mr. Fred D. Mason, Lincoln, Nebraska, to the two members of the Freshman class who shall write and deliver in the best manner an English oration.

3. The Foster Prize of twenty-five dollars, given by Mr. T. D. Foster, Ottumwa, Iowa, for excellence in debate.

4. The Horatio Millard Newcomb Prize of fifteen dollars, given by Rev. Ezra B. Newcomb, D. D., Keokuk, Iowa, to that member of the Senior class who shall attain high rank in the Biblical studies of the Junior and Senior years, and who shall present the best essay on some assigned Biblical subject.

5. The Brockman Prize of fifteen dollars, given by Dr. D. C. Brockman, Ottumwa, Iowa, to that member of the Senior class who shall attain high rank in Political Economy, and who shall present the best thesis on some assigned topic on that subject.

6. The Aldine Alumni Endowment Fund Association's Prizes in Oratory, first and second, of fifteen and eight volumes of books, respectively, given by the Association to the two Sophomore members of the Aldine Literary Society who shall excel in an oratorical contest.

7. The Orio Prize in Oratory, a gold medal given by the Orio Literary Society to that one of its Sophomore members who shall excel in oratorical contest.

8. The Elzevir Prize in Oratory, a set of valuable books, given by the Elzevir Literary Society to that one of its Sophomore members who shall excel in an oratorical contest.

9. The Aldine Alumni Endowment Fund Association's Prizes in Debate, first and second, of fifteen and eight volumes of books, respectively, given by this Association to the two Freshmen members of the Aldine Literary Society who shall excel in a contest in debate.

10. The Orio Prize in Debate, a gold medal, given by the Orio Literary Society to that one of its Freshman members who shall excel in a contest in debate.

11. The Elzevir Prize in Essay-Writing, a set of valuable books, given by the Elzevir Literary Society to that one of its Freshman members who shall excel in a contest in essay-writing.

12. A friend of the College offers an Oxford Bible to any College student who memorizes certain prescribed passages from the Scripture.

**Expenses.**

The annual charge for tuition is forty dollars. Of this amount twenty dollars are payable on the opening day of the first semester, and twenty dollars on the opening day of the second semester.

A reduction of fifty per cent. from the regular rate of tuition will be made to the sons and daughters of ministers and missionaries.

An incidental fee of five dollars per semester is charged all students.

The following fees are charged all students taking laboratory work in the subjects named to cover cost of material used:

| | |
|---|---|
| Biology, all courses | $3 per semester |
| Chemistry, course 1-2 | $3 per semester |
| Chemistry, advanced courses | $3 per semester |
| Physics, all courses in the College | $3 per semester |
| Physics, course in the Academy | $2 per semester |

A deposit of one dollar per year is required of each student, to constitute a damage fund, out of which the College property damaged by the students, when the author is unknown, is repaired. At the end of the year the balance is refunded. By this means the property is kept in good condition, and the amount deducted from each deposit has hitherto been very small.

A fee of one dollar is charged for each registration made two days after the commencement of a semester, or later.

In case of absence from work for half a semester, occasioned by

sickness or other unavoidable cause, one-half the tuition for the semester will be refunded. **This applies to tuition only.**

Special students whose work does not exceed ten recitation hours per week will be granted a reduction of $5.00 from the full rate of tuition; and if the work does not exceed five recitation hours per week a reduction of $10.00 will be allowed.

A fee of $5.00 is required of each student before graduation from College. This is to be paid at the opening of the semester preceding graduation.

Young ladies from a distance are expected to take up their residence in Ballard Hall. The rooms are well furnished with needed articles, save those that are personal. Each student should provide the following articles: A napkin ring; towels; sheets, size three-quarters; pillow slips, size 22x27 inches, and such other bedding as she may wish. If curtains for the windows, or rugs for the floors are desired, they should be brought by the student. The matron of the dormitory sees to the washing of sheets and pillow slips, but each student must provide for her personal washing. All personal property should be marked with the owner's name very plainly.

There are three grades of rooms varying in size and location. The charges for these per semester including board will be: For the lowest grade, $70.00; for the intermediate grade, $75.00; and for the highest grade, $80.00. To secure the reservation of a room previous to the opening of a semester, a deposit of five dollars is required.

All dormitory bills must be paid as follows: One half at the opening of the semester, and the other half at the middle of the semester. No reduction will be made except in case of prolonged sickness. Meals served in rooms will be charged extra at the rate of 25 cents per meal. The young men and others who take their meals at the refectory will be required to pay at the beginning and middle of the semester. Day boarders will be charged $3.00 per week. No reduction will be made except in case of prolonged sickness.

Board for young men, including room, fuel and light, is provided in pleasant homes at prices varying from four to five dollars per week; board in private families, at three to four dollars per week. Furnished rooms, suitable for two students, can be rented in the

town at prices ranging from seventy-five cents to two dollars per week. The Faculty will render assistance, when desired, in finding suitable boarding places for students.

Every young person of good moral character, who is bent on gaining a liberal education, and who is willing to make the necessary sacrifice, and to practice corresponding economy, will always find sympathy and encouragement in Parsons College.

The annual expenses of a student, traveling expenses not included, need not exceed $250; and students using economy can reduce the annual expense considerably below the moderate estimate in the following summary:

| | Moderate | Liberal |
|---|---|---|
| Tuition | $ 40.00 | $ 40.00 |
| Incidental fee | 10.00 | 10.00 |
| Room | 27.00 | to 72.00 |
| Fuel | 4.00 | to 6.00 |
| Board | 108.00 | to 144.00 |
| Incidentals (including washing, books, etc.) | 40.00 | to 60.00 |
| Total for the year | $229.00 | $332.00 |

## SCHOLARSHIPS.

Scholarships are of two classes, as follows: Honor Scholarships and Student Loan and Service Scholarships. A full scholarship in either of these classes covers the forty-dollar tuition charge, but in no case includes the charge for incidentals, which is five dollars per semester.

### HONOR SCHOLARSHIPS.

#### FRESHMAN HONOR SCHOLARSHIP.

Any student, graduating with highest rank from any fully accredited High School in Iowa, is entitled to a Scholarship covering tuition charges for one year.

#### HORACE B. SILLIMAN SCHOLARSHIP.

Horace B. Silliman, LL. D., of Cohoes, N. Y., through the College Board of the Presbyterian church, has established a scholarship fund of $1,000 "the annual income of which shall be applied to the tuition of such male students as are members of some evan-

gelical church, as shall be selected by the Faculty of the College, for good scholarship and active Christian influence, with prospects of future usefulness, and under such other conditions as the Faculty shall determine." This scholarship will be awarded in June of each year to a male member of the Junior class on the basis of his work and conduct in the Freshman and Sophomore years.

### GEORGE LINCOLN SEELEY SCHOLARSHIP.

This is a scholarship of $1,000, established by George Lincoln Seeley, and is awarded to the young man in the Senior class who has attained the highest rank in his Junior year.

### ELIZA MATILDA FOSTER SCHOLARSHIP.

This Scholarship, a memorial to Eliza Matilda Foster, is awarded to that young woman in the Senior class who has attained the highest rank in her Junior year.

### STUDENT LOAN AND SERVICE SCHOLARSHIPS.

These scholarships are limited in number. Their purpose is to aid needy and worthy students who are able to meet the requirements of good scholarship, high personal character, exemplary conduct and habits of economy in the use of both time and money.

A few Loan scholarships are available for students who sign notes which bear interest after graduation.

Every holder of a Service scholarship may be called upon to render the College some service. Such service shall not require more than five hours a week.

A full scholarship is forty dollars a year. The amount assigned to any one student will depend on the need and the merit of the applicant and on the amount of funds at the disposal of the Scholarship Committee.

No scholarships are given to students who are conditioned in any subject.

A scholarship, withdrawn because of failure in any study, may be restored after the lapse of half a year, if former deficiencies have been made good and no new ones incurred.

In awarding scholarships preference is given to regular candidates for a degree, and to those who expect to finish their course in Parsons College.

Applications for scholarships must be made on the blank forms provided by the Scholarship Committee.

Students of the College should make out their applications in June or December of each year. Prospective students should file their applications as early as possible, accompanied by the testimonials indicated in the blank forms.

Communications concerning scholarships should be addressed to the President.

The following scholarships have been endowed in whole or in part and are administered as Student Aid and Service Scholarships described above:

The Jonathan Cable Scholarship (memorial), founded by Sarah E. Cable, Danville, Iowa.

The John A. Colwell Scholarship, founded by John A. Colwell, Kittanning, Pennsylvania.

The John A. Swan Scholarship, number one, founded by John A. Swan, Morning Sun, Iowa.

The John A. Swan Scholarship, number two, founded by John A. Swan, Morning Sun, Iowa.

The McClure Scholarship, founded by Mr. and Mrs. I. N. McClure, Mediapolis, Iowa.

The Ida B. and Ella May King Scholarship (memorial), founded by Mr. and Mrs. Z. N. King, St. Paul, Minnesota.

The James G. Wilson Scholarship, founded by James G. Wilson, Streator, Illinois.

The Mary Drewer Miller Scholarship, founded by Mary Drewer Miller, Carlsbad, New Mexico.

The Spencer Grennell Scholarship (memorial), founded by Mrs. Eunice J. Grennell, Keokuk, Iowa.

The S. Breckenridge Scholarship, founded by Mr. S. Breckenridge, Pella, Iowa.

The Henry Corwith Scholarship (memorial), founded by Messrs. John and Frank Corwith, Chicago, Illinois.

The D. T. Newcomb Scholarship of $2,000, founded by the late Patience V. Newcomb, Davenport, Iowa.

The Viele Scholarship of $2,000, founded by the late Patience V. Newcomb, Davenport, Iowa.

The Westminster Scholarship, founded by the Westminster Presbyterian Church, Keokuk, Iowa.

# Terms of Admission

Students are admitted to Parsons College by examination at the College or on the presentation of acceptable certificates of work done elsewhere. Those who present certificates are admitted to provisional standing only, the right being reserved to withdraw, at the end of six weeks, credit for any work which the College record of the student shows to have been unsatisfactorily performed. Certificates must show in detail the amount and character of work done in each subject and should be made out on blanks furnished by the College or on those of the North Central Association of Colleges and Secondary Schools.

In estimating preparatory work, a semester credit represents one study pursued not less than 18 weeks with daily recitations. A year of high school work of four studies a day, therefore, equals 8 semester credits and a full high school course should regularly represent 32.

*For unconditional admission to the Freshman class, 30 acceptable semester credits are required. Students may be admitted to conditional Freshman standing who present not less than 28 semester credits.*

The Academy presents every possible facility for completing deficient College preparation.

The specific requirements for admission are arranged in two groups. Every candidate for unconditional admission must offer all the subjects of Group I, amounting to 19 credits, and enough from Group II to make up the total of 30 credits. The following table shows the contents of the two groups. The ground to be covered in each subject is stated below.

**Group I—Required of All.**

| | |
|---|---|
| English | 6 credits |
| Foreign Language (all of which must be in one language) | 4 credits |
| Mathematics 1, 2, 3, 4, 6, | 5 credits |
| History 1, 2, | 2 credits |
| Physics 1, 2, | 2 credits |
| | 19 credits |

**Group II—Elective.**

Any of the subjects described below, not offered by the student under Group I, may be offered as electives to make up the total of 30 credits for admission. Other subjects will be accepted only by special vote of the Faculty.

Students who expect to choose their College Major in Greek, Latin, or German, should offer for admission, respectively, 4 credits in Greek, 8 credits in Latin, or 4 credits in German; for, although College classes are maintained in which students who have not taken the work may make up Greek or German, no work of the elementary grade just indicated is allowed to count toward a Major. Students whose preparatory work in Latin has not included both 5-6 and 7-8 will be allowed to enter Freshman Latin on probation if they offer 1-4 with either 5-6 or 7-8.

**English.** 1-6. The requirement in English is in four divisons, for which a total of 6 credits is given. (a) Grammar. (b) Reading: The reading of ten books as prescribed by the North Central Association and the careful study of Shakespeare's Macbeth, Milton's Minor Poems, Burke's Speech on Conciliation, Macaulay's Life of Johnson, or equivalents. (c) Composition: Regular and persistent training in both oral and written composition. (d) Rhetoric: The essential principles of rhetoric studied preferably in connection with the work in composition.

7-8. A fourth year of English may be offered if of acceptable character.

**Mathematics.** 1-2. Algebra: The four fundamental operations, factoring, highest common factor and least common multiple, fractions, equations of the first degree containing one or more unknown quantities, radicals, involution and evolution.

3-4. Plane Geometry: Including the solution of original exercises.

5. Solid Geometry.

6. Advanced Algebra: Quadratic equations, theory of exponents, progressions, the binomial theorem. The use of the graph is desirable.

7. Plane Trigonometry: The six fundamental functions and

their relation, the standard formulas, the solution of plane triangles, practical applications to measurements of areas and heights.

8. Advanced Arithmetic.

9. Double Entry Bookkeeping.

**Latin.** 1-2. Latin Lessons: Grammar and easy reading.

3-4. Caesar: Books I-IV, or two books and an equivalent of two more in selections from other prose writers such as Nepos.

5-6. Cicero: Six orations, preferably the four against Catiline, Archias and the Manilian Law.

7-8. Vergil: The first six books of the Aeneid.
Composition should accompany the work named above in each year.

**Greek. 1-2.** Beginning Greek: Grammar and easy reading, Xenophon's Anabasis, Book I, writing Greek.

3-4. Xenophon's Anabasis, Books II-IV.
Composition and Hellenica, I-II, or equivalent.

**German.** 1-2 Beginning German: Rudiments of grammar, easy exercises, the reading of 50 to 100 pages of graduated text.

3-4. Second Year German: The reading of 150 to 200 pages of easy stories and plays, continued drill on essentials of grammar.

**History.** 1-2. Ancient History with special reference to the history of Greece and Rome, but including also a study of the other ancient nations, and of the chief events of early mediaeval history down to the time of Charlemagne.

5-6. English History.

7-8. American History or American History and Civil Government.

**Physics.** 1-2. Elementary work, consisting of text book, lecture demonstration, and laboratory practice. The laboratory work should constitute not less than one-fourth of the whole course.

**Chemistry.** 1-2. Elementary Chemistry.

**Zoology.** 1-2. Elementary Zoology. Not less than half the time of the class should be spent in laboratory work. If less than 32

weeks with suitable laboratory work is given to the subject it will receive not to exceed 1 credit.

**Physiology.** 1. Human Physiology.

**Botany.** 1-2. Elementary Botany. Not less than half the time of the class should be spent in laboratory work. If less than 32 weeks with suitable laboratory work is given to the usbject it will receive not to exceed 1 credit.

# SYNOPSIS OF COURSES.

| | ANCIENT LANGUAGES. | MODERN LANGUAGES. | SCIENCE. |
|---|---|---|---|
| FRESHMAN. | Latin or Greek.<br>Bible 1, 2.<br>English 1, 2.<br>Mathematics 1, 2.<br>1 Elective.<br>(Latin, Greek or German.) | German 1, 2.<br>Bible 1, 2.<br>English 1, 2.<br>Mathematics 1, 2.<br>1 Elective.<br>(Chemistry, Biology, Physics.) | Chemistry or Biology.<br>Bible 1, 2.<br>English 1, 2.<br>Mathematics 1, 2.<br>A Language. |

## MAJOR GROUPS.

| | ANCIENT LANGUAGES. | MODERN LANGUAGES. | ENGLISH. | HISTORY & POL. ECONOMY. | MATHEMATICS, PHYSICS. | CHEMISTRY. | BIOLOGY. | PHILOSOPHY. |
|---|---|---|---|---|---|---|---|---|
| SOPHOMORE. | Latin or Greek.<br>Bible 3, 4.<br>A Science.<br>English or *History.<br>German or Mathematics. | German 3, 4.<br>Bible 3, 4.<br>History 1, 2.<br>2 Electives.<br>(Mathematics, Science, French, English.) | English 3, 4.<br>Bible 3, 4.<br>History 1, 2.<br>A Language.<br>Mathematics or Science. | History 1, 2.<br>Bible 3, 4.<br>Modern Language.<br>2 Electives.<br>(Mathematics, Latin, English, Science, French.) | Mathematics.<br>Bible 3, 4.<br>Physics.<br>A Language.<br>English or History. | Chemistry.<br>Bible 3, 4.<br>A Language.<br>Biology, Physiology, or Mathematics, English, or History. | Biology.<br>Bible 3, 4.<br>A Language.<br>Chemistry, Physics, or Mathematics, English or History. | |
| JUNIOR. | Greek or Latin.<br>Bible 5, 6.<br>Psychology.<br>2 Electives.<br>(Education, German, English, French, Mathematics, Astronomy, Science, Political Economy, History, Philosophy.) | German.<br>Bible 5, 6.<br>Psychology 1, 2.<br>2 Electives.<br>(Education, French, English, Philosophy, Mathematics, Astronomy, History, Science, Political Economy.) | English.<br>Bible 5, 6.<br>Psychology 1, 2.<br>2 Electives.<br>(Education, German, Philosophy, French, Mathematics, Astronomy, History, Science, Political Economy.) | History or Political Economy.<br>Bible 5, 6.<br>Psychology.<br>2 Electives.<br>(Education, French, German, English, Mathematics, Astronomy, Science, Philosophy.) | Mathematics or Physics.<br>Bible 5, 6.<br>Psychology.<br>2 Electives.<br>(Education, History, German, French, Astronomy, Political Economy, English, Science, Philosophy.) | Chemistry.<br>Bible 5, 6.<br>Psychology.<br>2 Electives.<br>(Education, German, History, Mathematics, Astronomy, Political Economy, French, English, Science, Philosophy.) | Biology.<br>Bible 5, 6.<br>Psychology.<br>2 Electives.<br>(Education, German, History, Political Economy, Mathematics, Astronomy, French, Science, English, Philosophy.) | Philosophy 1, 2.<br>Bible 5, 6.<br>Philosophy 3, 4.<br>2 Electives.<br>(Education, German, English, French, Mathematics, Science, Political Economy, History.) |
| SENIOR. | Greek or Latin.<br>Bible 7, 8.<br>3 Electives.<br>Thesis. | German.<br>Bible 7, 8.<br>3 Electives.<br>Thesis. | English.<br>Bible 7, 8.<br>3 Electives.<br>Thesis. | History or Political Economy.<br>Bible 7, 8.<br>3 Electives.<br>Thesis. | Mathematics or Physics.<br>Bible 7, 8.<br>3 Electives.<br>Thesis. | Chemistry.<br>Bible 7, 8.<br>3 Electives.<br>Thesis. | Biology.<br>Bible 7, 8.<br>3 Electives.<br>Thesis. | Philosophy 5, 6.<br>Bible 7, 8.<br>3 Electives.<br>Thesis. |

*History 1. 2. must be taken by all students in Sophomore or Junior years.
Thesis is required in Senior year in department in which Major work is done.

N. B.—A beginning Language and English 1. 2. may not be counted toward a Major.

# The College Course

The departments of instruction in the College are arranged in the following groups:

I. Language and Literature.

II. Philosophy, History and the Social Sciences.

III. Mathematics and the Physical and Natural Sciences.

| I | II | III |
|---|---|---|
| English | Philosophy | Physics |
| Greek | Education | Chemistry |
| Latin | Political Sciences | Biology |
| German | Social Science | Geology |
| French | Biblical Literature | Mathematics |
| | History | Astronomy |

The work a student offers in satisfaction of the requirements for graduation must be chosen from these groups and must be so arranged that within the first two years he shall have taken work in each of these general fields, and before the close of the course he shall have done work of advanced grade in some chosen department. To secure this result the following regulations have been devised:

Each candidate for a bachelor's degree is required to complete a course, consisting of a minimum of 120 semester hours, in addition to physical culture, carrying regularly four studies and Bible throughout a course of four years. Less than four studies and Bible will be allowed only by special vote of the Faculty. Class officers may grant five courses and Bible to students who receive no grade below 80 the preceding semester, or whose grades would average 85, with not more than one grade below 80, and no grade below 70.

The semester hour consists of one recitation, lecture or laboratory period a week for one semester. Thus, a course which meets three times a week is reckoned three semester hours for a semester, six a year.

The following specific requirements are made of all students:

Freshman Mathematics.

Freshman English.

One hour of Bible throughout the College course.

One year of History by the end of the Junior year.

One year of Laboratory Science before the Junior year.

Two semesters' work in Philosophy.

French or German sufficient to fulfill Group requirements.

Physical Education in Freshman and Sophomore years.

**Freshmen and Sophomores.** The student must so arrange his work that by the close of the Sophomore year he shall have taken at least twelve semester hours in the studies of each of the above groups. In meeting this requirement, however, English is counted as in Group II, and not in Group I.

**Juniors and Seniors.** The student must so arrange his work in the Junior and Senior years that at graduation he shall be able to present a Major (consisting of not less than six semesters' work) in some department or approved combination of departments, the work to be of a grade of advancement acceptable to each department as Major work. A statement of such courses as are regarded as too elementary to count toward a Major will be found under the description of work in the various departments which offer such courses.

## DEGREES.

The Bachelor's Degree will be granted to students who conform to the requirements stated in the preceding paragraph, A. B. being granted to those whose Major is in the studies of the first group; S. B. to those whose Major is in Physics, Chemistry, or Biology; and Ph. B. to those whose Major is in other departments.

*In brief summary, each candidate for the Bachelor's Degree must complete a four year's course, each year carrying four studies and Bible, the whole amounting to a minimum of 120 hours, taking certain prescribed courses as stated above. Within the first two years he must take at least twelve hours in each group, and by graduation complete a Major (6 semester courses) in some one department.*

# Departments of Instruction

## ASTRONOMY.

PROFESSOR WATSON.

**1 and 2. General Course.**

This is mainly a course in Descriptive Astronomy. It aims to supply a general knowledge of the more important facts and underlying principles of Astronomy, and some acquaintance with the methods of arriving at the facts. Recitations are supplemented by observations of the heavens and studies in the location of the principal stars and constellations. Open to Juniors and Seniors.

Text-book: Moulton's Introduction to Astronomy.

*Three hours weekly, throughout the year.*

## BIBLE.

PRESIDENT PARSONS.

**1 and 2. Old Testament.**

This course is intended to bring out the Divine purpose as revealed in the early life of the race and more especially in the history and development of the Hebrew nation. There will be a careful study of the promises of the Messiah and the expectation of the Israelites concerning Him. The period between the Old and New Testaments will be reviewed. Required of Freshmen.

*One hour weekly, throughout the year.*

**3 and 4. New Testament.**

The purpose of this course is to bring vividly before the student the Life of Jesus as the promised One—to study the wonderful blending of the Divine and human in his person, and to so grasp the purpose of His life as to come into sympathetic cooperation with Him in His plans. Required of Sophomores.

*One hour weekly, throughout the year.*

**5. Apostolic History.**

During this semester the work of the Holy Spirit will be studied as revealed in the organization of the Church, the training and dispersion of the Apostles and the development of the truth. This brings in the early life and work of Paul, with the growth of the Missionary idea. Required of Juniors.

*One hour weekly, first semester.*

**6. Organized Christianity.**

This course consists of a careful study of the life of the Apostle Paul, as recorded in the later portions of the book of Acts and the Epistles. The aim will be to trace the gradual crystalizing of Divine truth under the guidance of his master mind. Required of Juniors.

*One hour weekly, second semester.*

**7. Comparative Religion.**

The aim of this course is to secure a knowledge of the ethnic religions and then by comparison with the true Religion to discover the transcendent beauty and value of Christianity. Required of Seniors.

*One hour weekly, first semester.*

**8. Christian Evidences.**

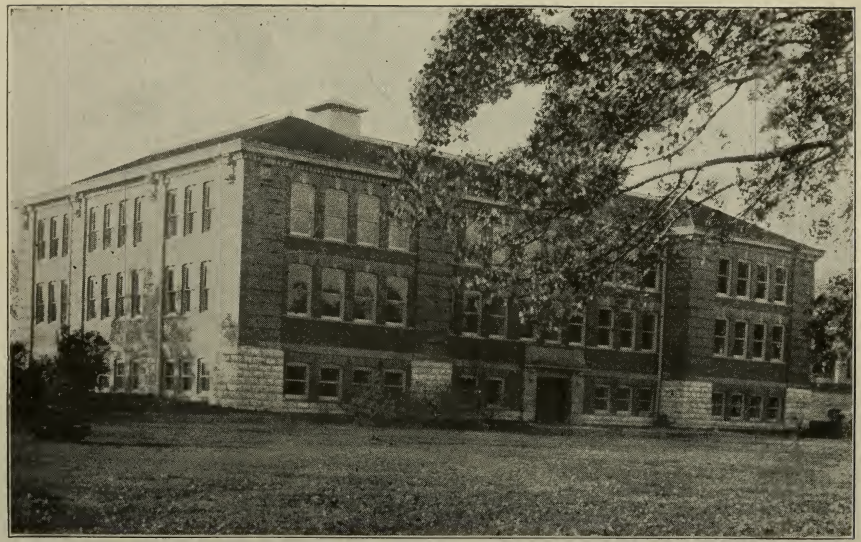
A study of the reasonableness of the Christian religion as shown by the evidences at command. What Christianity is and does in comparison with other systems; the refutation of skeptical objections; the authenticity and genuineness of the Gospels, and the evidence of Christian experience are investigated. Required of Seniors.

*One hour weekly, second semester.*

**9. Christian Missions.**

This course is intended for those who have taken the earlier courses and who desire to follow the progress of Christianity as the Church has carried out the commission of Christ.

*One hour weekly, first semester.*



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## BIOLOGY.

PROFESSOR CARTER.

Student Assistants, Mr. Cassel, Miss Edwards, Mr. Tibbetts.

**1 and 2. General Biology.**

Introduction to both Botany and Zoology, and required as a preliminary to all advanced work in either department. Representative types of the different classes of animals and plants will be studied in the laboratory, beginning with the single-celled organisms, and ending with the complex forms. Laboratory work and lectures.

Reference books: Parker's Elementary Biology. Galloway.

*Four hours weekly, throughout the year.*

**4. General Botany.**

Text-books: Atkinson's College Botany. Gray's Manual.

*Three hours weekly, second semester.*

**5 and 6. Vertebrate Anatomy.**

This course includes the careful dissection of several typical vertebrates, including the fish, the pigeon, and the cat. Eight hours of laboratory work each week.

*Three hours weekly, throughout the year.*

**7. Bacteriology.**

A general course in the study of bacteria. The preparation of culture media, the growth of typical forms, and their microscopic study.

Lectures and laboratory work.

Text-book: Jordan.

*Three hours weekly, first semester.*

## CHEMISTRY.

PROFESSOR McKENZIE.

Student Assistant, Mr. Gearhart.

**Chemistry 1 and 2. Elementary Inorganic Chemistry.**

This course covers the general field of Elementary Chemistry. The subject is presented by lectures with illustrated experiments

and by recitations. The students are required to perform most of the experiments in the laboratory, keeping notes on their work.

1. During the first semester the fundamental principles of the theory of Chemistry and the properties and reactions of the non-metallic elements and their simpler compounds are studied.

2. The work of the second semester includes a study of the properties and methods of preparation of the common metals and their simpler compounds. Work in photography, electrolysis and with the spectroscope is also included.

Text-books: McPherson and Henderson's Elementary Study of Chemistry, and Exercises in Chemistry.

*Four hour weekly, throughout the year.*

**3 and 4. Advanced Inorganic Chemistry and Qualitative Analysis.**

This course is designed to give a thorough knowledge of Inorganic Chemistry. The subject is presented by lectures and recitations, with laboratory work and assigned readings. Some quantitative experiments on the combining relations of the elements and compounds are made, followed by work in qualitative analysis.

Open to students who have completed courses 1 and 2. A knowledge of Physics at least equal to that given in Physics A-B is required.

Textbooks: Alexander Smith's General Chemistry for Colleges; Bailey and Cady's Qualitative Analysis.

*Three hours weekly, throughout the year.*

**5 and 6. Organic Chemistry.**

This course gives a general survey of the simpler compounds of carbon, their structure and chemical behavior. It familiarizes the students with the methods of work in the organic laboratory in the preparation and study of the physical and chemical properties of organic compounds. It gives the facts and shows how the theories which have led to the modern conception of Chemistry were developed.

Text-books: Ira Remsen's Organic Chemistry, W. R. Orndoff's A Laboratory Manual. References will be assigned to other standard works.

*Three hours weekly, throughout the year.*

## EDUCATION.

PROFESSOR GAGE.
MISS BUCHANAN.

**1 and 2. History of Education.**

The course is founded on Monroe's Text-book in the History of Education. The continuity of educational tradition and the theories underlying successive periods in the development of education are emphasized. Recitations, lectures, assigned readings, and reports on assigned topics.

*Three hours weekly, throughout the year.*

**3 and 4. Principles of Education.**

A study of Education as a science. The physiological, psychological, and sociological aspects of education are outlined and the foundations of education in the relation of the individual and environment are emphasized. A study is made of the typical statements of the aim of education and of the principles of mental development. The library contains duplicate copies of such works as Bolton's Principles of Education, so that recitations and reports on assigned readings properly prepared may count toward a Major in Philosophy.

*Three hours weekly, throughout the year.*

**5 and 6. Methods of Education.**

A consideration of the principles underlying the science of education, and an application of the principles to the teaching of special subjects.

This course is conducted by Miss Buchanan.

*One hour weekly, throughout the year.*

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## ENGLISH LANGUAGE AND LITERATURE.

MISS MILLER.

**1 and 2. Freshman English.**

This course has a two-fold aim, the acquirement of the power to speak and write correctly and the development of an intellectual appreciation of the best poetry and prose.

During the first semester, themes are required weekly. They are in general expository or persuasive in character, upon subjects suggested by the study of selected essays. Oral themes, and class debates upon questions of general or collegiate interest are also held.

The work of the second semester combines practice in narrative and descriptive writing with an historical outline of English poetry from Beowulf to Milton.

To recitations and class-room criticism are added occasional conferences between instructor and individual student.

Text-books: Scott and Denney's Paragraph-Writing, Carpenter and Brewster's Modern English Prose.

*Three hours weekly, throughout the year.*

**3 and 4. Representative Writers of the Nineteenth Century.**

The study of a selected group of poets and prose writers with especial emphasis upon the personality and social and ethical message of each, and an attempt to formulate the theory of poetry. As time permits, during the first semester, Wordsworth, Coleridge, Lamb, DeQuincey, Keats, Shelley and Carlyle are taken up; Tennyson, Browning, Ruskin, Pater, and Stevenson, the second semester.

Lectures, recitations and special topics both oral and written.

*Three hours weekly, throughout the year.*

**5. Development of the Drama.**

After a brief, introductory study of the Greek theater, the course traces the evolution of the drama from the early liturgical play to the immediate predecessors of Shakespeare. During the closing weeks of the semester, each student is required to read five plays from a list of eighteenth century and present day drama. This year the plays suggested include She Stoops to Conquer, The Rivals, The Doll's House, The Sunken Bell, The Servant in the House, The Blue Bird, The Land of Heart's Desire, Chantecler, Everywoman.

Lectures, recitations, special reports. Open to Juniors and Seniors.

*Three hours weekly, first semester.*

**6. Shakespeare.**

The study of Shakespeare, not only as a world genius, but also as a successful playwright of the Elizabethan age. Careful study of Hamlet, Twelfth Night and Richard III for a mastery of the vocabulary and life of the time. More rapid reading of additional plays.

Lectures, recitations and written reports. Open to Juniors and Seniors.

*Three hours weekly, second semester.*

**7 and 8. Eighteenth Century Prose and Poetry; the Structure of the Novel.**

A study of the characteristics of the Augustan Age of English Literature, the beginnings, within the eighteenth century, of the Romantic revival, and use of the novel.

During the spring, this course continues the development of the novel beyond the limits of the century. Typical novels of Jane Austen, George Eliot, Thackeray, Scott, Dickens, Meredith, Hardy, and others are carefully reviewed for structure and significance.

Open to Juniors and Seniors.

*Three hours weekly, throughout the year.*

**9. American Literature.**

Rapid survey of American literature from the colonial period to the principal writers of our own day.

Lectures, discussions, papers. Not open to Freshmen.

*Three hours weekly, first semester.*

**10. Advanced Writing.**

According to individual needs this course will include practice in writing the short story, the essay, or the principal forms of English verse, and also the study of models. Criticism as far as possible will be from the magazine standpoint.

The class will meet twice a week only, the time of the third

hour being added to preparation. Esenwein's Writing the Short-Story is used.

Open to Juniors and Seniors; to Sophomores upon permission of the instructor.

*Three hours college credit.*

Courses 5 and 8 will not be given in 1912-1913.

Courses 1 and 2 do not count toward a Major.

Courses 3 and 4 must be included in a Major.

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## FRENCH.

PROFESSOR WIRTZ.

MISS PATTISON.

### 1 and 2. Beginner's Course.

In this course the essentials of French grammar are presented as briefly as possible so that the student may begin the reading of easy French prose almost from the start. A thorough study of the grammar, accompanied by exercises in composition, follows after reading has begun. Special attention is given to daily drill in pronunciation and to the irregular verbs. In the second semester Halevy's L'Abbe Constantin, George Sand's La Mare au Diable, and Merimee's Colomba are read.

*Four hours weekly, throughout the year.*

### 3. French Fiction.

Selections are made from the works of Dumas, Merimee, Souvestre, DeVigny and Daudet.

*Three hours weekly, first semester.*

### 4. Modern French Comedies.

Selections from plays by Sandeau, Erckmann-Chatrian, Ohnet, Scribe, Labiche, and Vacquerie.

*Three hours weekly, second semester.*

**5. French Prose.**

Selections from Balzac, Lamartine, Chateaubriand, Erckmann-Chatrian, Feuillet, and Saint-Beuve.

*Three hours weekly, first semester.*

**6. French Classics.**

Selected works of Moliere, Racine, and Corneille.

*Three hours weekly, second semester.*

**7. Victor Hugo and the Romantic School.**

*Three hours weekly, first semester.*

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## GEOLOGY.

PROFESSOR CARTER.

**1 and 2. General Geology.**

1. Dynamic and Structural Geology. The geological forces and the work they accomplish, and a study of the original and secondary structures of rocks.

2. Physiographical and Historical Geology with special reference to the North American continent, and a study of the evolution of land, and of life forms from the oldest geological records down to the present time.

Text-book: Chamberlain and Salisbury.

*Three hours weekly, throughout the year.*

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## GERMAN.

PROFESSOR WIRTZ.

**1 and 2. Elementary German.**

This course includes the essentials of German grammar, the reading of selections in prose and verse, German conversation and composition. It is open only to students who have presented four

full credits in foreign languages. No credit will be given unless the whole course is completed.

*Five hours weekly, throughout the year.*

**3 and 4. Intermediate German.**

Modern prose writers, Storm, Freytag, Seidel, Ernst, etc; German lyrics and ballads, Lessing's Minna von Barnhelm, Schiller's Wilhelm Tell. Open to students who have completed course 1 and 2, or its equivalent.

*Four hours weekly, throughout the year.*

**5 and 6. The Classical Period.**

This course will include the critical study of representative works of Lessing, Goethe, and Schiller; lectures, outside readings, and reports. Open to students who have completed courses 1-4, or their equivalents.

*Three hours weekly, throughout the year.*

**7 and 8. The 19th Century.**

Two courses in the literature of this period will be given in alternate years. The course will present an outline of German life in the 19th century as reflected in the German novel and short story; the second course will take up the drama of this period exclusive of the works of Goethe and Schiller. Open to students who have completed courses 1-4, or their equivalents.

*Three hours weekly, throughout the year.*

A Major in German consists of three years' work, not including course 1 and 2.

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## GREEK.

PROFESSOR JOHNSON.

**1 and 2. Beginner's Course for Freshmen.**

This course is open to students in this department who come prepared for Freshmen work in other departments, but presenting

less than thirty acceptable credits, and without preparation in Greek. This work will be counted as a College course for such as present thirty acceptable entrance credits, but does not count toward a Major.

*Five hours weekly, throughout the year.*

**3. Plato.**

The Apology, Crito, and parts of the Phaedo will be read, noting chiefly the characteristics of Plato's literary style and the form of the dialogue, but not neglecting the Platonic philosophy. Review of verb inflection; systematic study of syntax.

*Four hours weekly, first semester.*

**4. Homer: The Iliad, Selections.**

Study of Homeric forms, syntax and prosody. Informal lectures on Homeric questions. Homeric archaeology. Comparative notice of other national epics. Greek mythology.

*Four hours weekly, second semester.*

**5. Historians.**

Selections from Herodotus, Thucydides and the Hellenica of Xenophon. A thorough review of Greek history during the 5th century. Assigned readings.

*Three hours weekly, first semester.*

**6. Drama: Tragedy.**

Representative plays from the three tragedians will be read with special reference to their literary art. A study of the origin and development of the Greek Drama and Theatre. History of Greek Literature.

*Three hours weekly, second semester.*

**9. The New Testament.**

A study of the chief peculiarities of the New Testament Greek, with selections from the Gospels and Epistles. Grammatical and dialectic comparison will be made with writers of the best Attic

period, and the whole course treated with especial reference to the needs of the student for the ministry. Open to students who have completed courses 3 and 4.

*Three hours weekly, first or second semester.*

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## HISTORY.

PROFESSOR HILDRETH.

### 1. Mediaeval Europe.

A study of the Dark Ages, the Migrations, the growth of the Papacy, Monasticism, Mohammedanism, Feudalism, the Crusades, beginnings of national consciousness, rise of the Free Cities, the Renaissance. This is an introductory course and will be taken before other college work in History.

Text-book, lectures, readings, and reports.

Required before the end of the Junior year.

*Four hours weekly, first semester.*

### 2. Modern Europe.

A survey of European history since the close of the Middle Age. The inception and development of the new Europe, with some consideration of the great movements which have characterized it. A continuation of History 1.

Text-book, lectures, readings and reports.

Prerequisite: History 1.

Required before the end of the Junior year.

*Four hours weekly, second semester.*

### 3 and 4. History of the English People.

The rise and development of the English nation, especially along political and social lines. The beginning and unfolding of its institutions is traced and an endeavor made to bring out strongly the human element, making the life of the nation real, something more than a succession of events, dates, or dynasties. Particular

study will be devoted to the England of the sixteenth and succeeding centuries. Constant reference is made to sources and original documents.

Recitations and readings.

Text-book. An Advanced History of Great Britain. Tout.

Prerequisite: History 1 and 2.

*Three hours weekly, throughout the year.*

**5. The Protestant Revolt.**

A rapid outline study of the time of the Reformation, its historical setting, the causes which produced it, its distinguishing characteristics, political and social, as well as religious, its influence upon modern thought and life, with some account of its notable figures. Designed to furnish a general outline of the period.

Lectures and text-book.

Prerequisite: History 1 and 2.

*Three hours weekly, first semester.*

**6. History of the Intellectual Life of Europe.**

More particularly from the thirteenth to the eighteenth centuries. The aim of this course is to sketch the background of intellectual history, the transmission of Greek and Roman culture through the Middle Ages and to bring out as clearly as possible the progress of thought and the changing mental conceptions of the centuries as illustrated by certain representative types from about the time of Roger Bacon and the beginnings of modern experimental science, considering among others, Marsiglio of Padua, Dante, the Humanists from Petrarch to Erasmus, astrology, witchcraft, the genesis of the spirit of progress, the Deists, the Encyclopaedists, etc.

Lectures, assigned readings and discussions.

Prerequisite: History 1 and 2.

*Three hours weekly, second semester.*

**7. History of the American Colonies.**

The period to which this course is devoted is sketched succinctly, but with sufficient detail to exhibit its formative character and fundamental influence upon the succeeding national life.

Text-book, readings and lectures.

Prerequisite: History 3.

*Three hours weekly, first semester.*

**8. Industrial History of the United States.**

A resume of ecenomic and industrial progress as furnishing an intelligent basis for the consideration of contemporary problems.

Text-book, assigned readings and lectures.

Prerequisite: Economics 1.

*Three hours weekly, second semester.*

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## LATIN.

PROFESSOR JOHNSON.

**1. Livy.**

Books I, XXI, and XXII are read. Constant practice in sight reading is given. Some atention is given to Livy's style and his place in Latin literature. Purely grammatical questions are made secondary to the acquisition of the power to read Latin rapidly and accurately.

Text-book: Greenough and Peck's Livy (combined edition).

*Four hours weekly, first semester.*

**2. Cicero and Horace.**

After a rapid reading of Cicero's De Senectute, the remainder of the semester is devoted to a careful study of the Satires and Epistles of Horace.

Text-books: Bennett's Cicero, Greenough's Horace.

*Four hours weekly, second semester.*

**3. Horace: Odes and Epodes.**

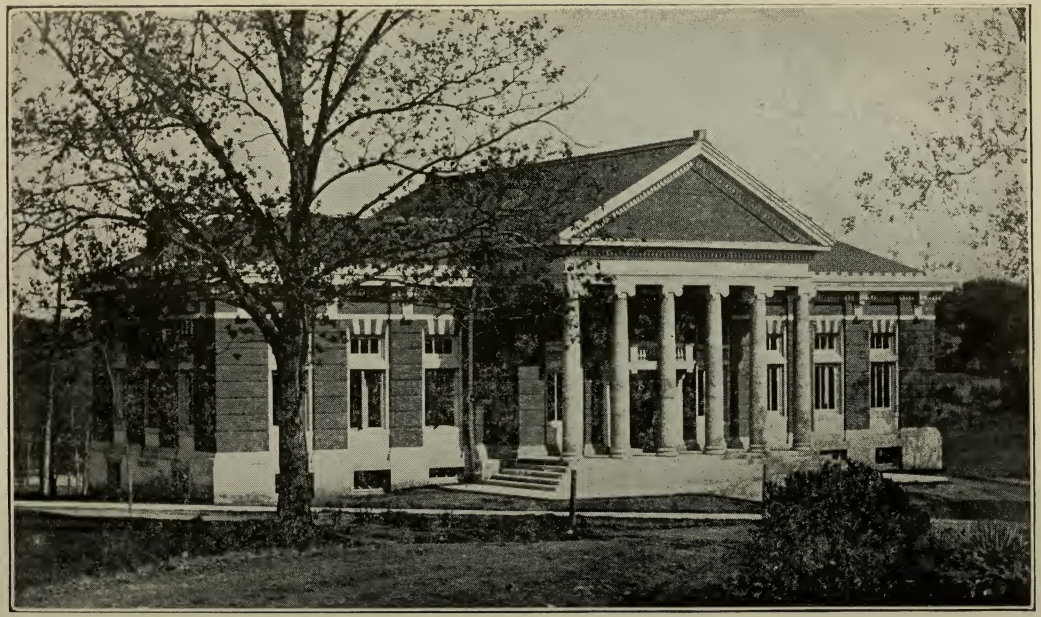
A careful reading and analysis of the principal Odes and Epodes. Occasionally selected Odes will be assigned for a careful translation into metrical English.

Text-book: Smith's Horace (revised edition.)

*Three hours weekly, first semester.*

**4. Tacitus and Plautus.**

After a rapid reading of Tacitus' Agricola, the remainder of the



LIBRARY HALL—SEE PAGE 18

semester is devoted to the reading of at least two plays of Plautus. The Menaechmi and Captivi are usually read.

Some attention is given to the metres of Plautus and his sources.

Text-books: Hopkins' Tacitus, Fowler's Plautus, Menaechmi.

*Three hours weekly, second semester.*

**5. Studies in Roman Poetry.**

The aim of this course will be to acquaint the student with a number of Latin poets in the field of Elegy and Satire.

Text-books: Carter's Roman Elegiac Poets, Wright's Juvenal.

*Three hours weekly, first semester.*

**6. Pliny's Letters.**

Pliny's Letters are read for their light upon the Roman life of their time. Pellison's Roman Life in Pliny's Time is used to supplement the reading of the Letters.

Text-book: Westcott's Pliny's Letters.

*Three hours weekly, second semester.*

N. B. Courses 3, 4, 5, and 6 are open to students who have previously taken courses 1 and 2, or their equivalents.

**7. Latin Grammar: Sounds and Inflections.**

This course is open only to students who Major in Latin. The work consists of investigations of assigned topics, supplemented by lectures. The ability to read difficult German is a prerequisite.

Text-book: Bennett's Latin Language.

*Three hours weekly, first semester.*

**8. Latin Grammar: Syntax.**

After an outline study of the leading topics of Latin Syntax is presented, questions for more careful study will be assigned to members of the class upon which at stated times reports will be called for. Considerable outside reading will be expected.

Text-book: Bennett's Latin Language.

*Three hours weekly, second semester.*

## MATHEMATICS.

PROFESSOR WATSON.

### 1. Higher Algebra and Plane Trigonometry.

Beginning with a rapid view of radicals and quadratic equations, the work embraces proportion, variation, the progressions, permutations and combinations, indeterminate coefficients, partial fractions, binomial theorem, series, method of differences, logarithms, imaginaries, and a brief course in determinants and the theory of equations. The last four weeks of the semester will be devoted to plane trigonometry.

Text-book: Downey's Higher Algebra.

*Four hours weekly, first semester.*

### 2. Plane Trigonometry and Introduction to Analytic Geometry.

Attention is given to the analytical theory of the trigonometric functions, the development of the general formulae, the solution of the triangles and practice in the use of logarithmic tables. In Analytic Geometry the endeavor to acquaint the student with the general methods by which analysis is applied to geometrical problems. The work includes the construction and discussion of the loci of equations, the geometry of the straight line, the circle and the conic sections. About one-third of the semester is devoted to Trigonometry, the remainder being given to Analytic Geometry. Required of Freshmen.

Text-books: Well's Plane Trigonometry and Tables, Bailey and Woods' Analytic Geometry.

*Four hours weekly, second semester.*

### 3. Differential Calculus.

Numbers, variables and functions, the theory of limits, general principles and formulae of differentiation, together with numerous applications to geometry and mechanics, successive differentiation, the development of functions in series, maxima and minima. Additional work in Analytic Geometry is given in connection with this course.

Text-book: Granville's Differential and Integral Calculus.

*Four hours weekly, first semester.*

**4. Integral Calculus.**

This is a continuation of Course 3. The general principles and formulae of integration are developed and applied to such problems of geometry as the rectification of curves, determination of areas, volumes, etc., centers of gravity, moments of inertia, etc.

Text-book: Granville's Calculus.

*Four hours weekly, second semester.*

**5. Advanced Calculus.**

This course treats such topics as partial derivatives, Taylor's Theorem for functions of several variables, singular points, envelopes, involutes and evolutes, etc., definite integrals, improper integrals, line intergrals, Green's Theorem, Fourier's Series, etc.

References to Byerly, Williamson, Todhunter and other authors.

*Four hours weekly, first semester.*

**6. Differential Equations.**

The endeavor is to make this course practical, rather than theoretical. A large number of examples are solved, and numerous applications are made to problems of physics and mechanics.

Text-book: Murray's Introductory Course in Differential Equations. Reference to Cohen, Johnson and Forsythe.

*Three hours weekly, second semester.*

**7. Theoretical Mechanics.**

This course deals with the general principles of dynamics, the laws of motion, statics, the dynamics of a particle and of rigid bodies.

Text-book: Wright's Elements of Mechanics.

*Three hours weekly, first semester.*

**8. Algebraic Analysis.**

This course treats the subjects of determinants, the theory of equations and the elements of the theory of functions of a real variable. It is given by lectures and special reports. The attempt is made to introduce the student to a somewhat broad range of

mathematical literature. Ability to read German or French is desirable, although not necessary for this course.

*Three hours weekly, second semester.*

**9. History and Pedagogy of Mathematics.**

The first one-half of the semester will be devoted to the history of the development of elementary mathematics by the Egyptians Hindoos, Greeks, Arabs, Romans, and modern European nations. The course will consist of lectures and reports on assigned topics. The second one-half of the semester will be devoted to the study of the Pedagogy of Mathematics. Young's Teaching of Mathematics will be used as a text in connection with lectures and reports on assigned readings.

*Three hours weekly, first semester.*

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## PHILOSOPHY.

PROFESSOR GAGE.

**1 and 2. Psychology.**

An introductory course in general psychology. By means of recitations, demonstrations and elementary experiments performed by members of the class and occasional lectures, the fundamental facts and laws of mind are studied.

*Three hours weekly, throughout the year.*

**3. Logic.**

An introductory course in formal and practical logic. Much attention is given to the detection of fallacies, examples drawn from many sources being used. Skill in the accurate use of terms and in logical statement is a main object of the course. Recitations and practical work in argumentation and debate by members of the class.

*Three hours weekly, first semester.*

**4. Aesthetics.**

Introductory course. A general study of aesthetical appreciation. The course deals with the justification of Art, with defini-

TRUSTEE GYMNASIUM—SEE PAGE 20

tions of the beautiful, the sublime, the comic, the pathetic, and other aesthetic judgments. A practical application of definitions is made by reference to nature, pictures and literature.

Lectures and collateral readings.

*Three hours weekly, second semester.*

**5. Philosophy.**

A general introduction to philosophy. Intended for students who desire to know the nature of philosophical study, its systematic divisions, and its characteristic problems. A study is made of the various solutions of these problems: agnosticism, materialism, realism, idealism, theism. Recitations, lectures, collateral readings, discussions.

*Three hours weekly, first semester.*

**6. Philosophy of Religion.**

The nature of religion and its place in the life of humanity is studied. The world religions are reviewed, and a study of religious experiences is made from the psychological viewpoint. The social and personal implications of the various religions are considered. The psychology of conversion and kindred topics are investigated. Lectures, recitations and assigned readings.

*Three hours weekly, second semester.*

**7. Ethics.**

The work is correlated with courses 1 and 2, and attempts to work out the psychology of conduct. Such works as King's Rational Living and McDougall's Social Psychology are read by the class.

*Three hours weekly, first semester.*

**8. Social and Political Ethics.**

A general study of social and political morals, of the rights of freedom and equality, suffrage, property, of the ethics of war and peace, civic duties and party loyalty, and of the ground of social responsibility. In general the course seeks to determine the proper attitude toward one's neighbor.

Lectures and assigned topics for individual study.

*Three hours weekly, second semester.*

Courses 5-6 and7-8 will not be given in one year.

Course 1-2 is prerequisite to all other courses in this department.

## PHYSICAL EDUCATION.

MR. BERKSTRESSER.

Physical training is required of all students whose college rank is below that of the Junior class. Students on entering College may have their physical measurements taken. In addition there is an opportunity to secure a thorough physical examination by a competent physician connected with the College staff of instructors. Special corrective exercises and advice concerning participation in athletic games will be given in cases where it is needed.

The following table will show the emphasis on work in this department at different periods in the year:

| Fall | Winter | Spring |
|---|---|---|
| Field Work | Gymnasium Exercises | Field Work |
| a. Foot Ball | a. General Calesthenics | a. Track Work. |
| b. Track Work | Light Apparatus Work | b. Base Ball |
| c. Tennis | b. Indoor Track Work. | c. Tennis |
| | c. Basketball | |
| | d. Early Base Ball Practice. | |

### 1. Required Course for Women.

General gymnasium work and games Tuesdays and Thursdays, throughout the year .

### 2. Required Course for Men.

General gymnasium work, Wednesdays and Saturdays; indoor track work, Mondays and Fridays; basketball and indoor base ball at appointed hours.

A new gymnasium with a free floor space, ninety-five feet by fifty, and completely equipped with running track, modern gymnastic apparatus and baths, affords unsurpassed facilities for conducting the indoor work of this department. For outdoor exercises the Alumni Athletic Field provides an exceptionally good and perfectly drained baseball diamond, a football gridiron, several tennis courts and a quarter-mile cinder track sixteen feet in width.

## PHYSICS.

PROFESSOR McKENZIE.

Student Assistant, Mr. Young.

### 1 and 2. Beginning College Physics.

A course in college physics open to students who wish a more advanced course than the general high school course. This course presents the newer discoveries and applications in physics but does not use the mathematical treatment of the advanced course. It is designed as a general survey of physics for those who do not intend to continue the subject and as preparation for work in advanced physics, in chemistry and biology.

Recitations with lecture-experiments and laboratory work. Open to Freshmen and Sophomores.

This course cannot be counted toward a Major.

Text-book: Millikan and Gale's A First Course in Physics. A laboratory manual will also be used.

*Four hours weekly, throughout the year.*

### 3 and 4. General Physics.

**3. Mechanics, Sound, and Heat.** The laws of pure motion, of matter in motion and the properties of the matter are studied. This is followed by a study of sound and heat. The subject is presented by lectures, following the work of the text-book, with experiments illustrating the principles considered, by recitations on the lectures and text-book, and by laboratory work.

Readings on selected topics will be assigned.

Text-book: Ames and Bliss's Manual of Experiments in Physics will be used in the laboratory. The class text will be announced later.

*Two class-room and two laboratory periods weekly, first semester.*

**4. Electricity, Magnetism and Light.** This is a continuation of course 3. Special attention is given to the fundamental laws of Magnetism, and Electricity, and Light, and to their practical ap-

plications. A working knowledge of algebra, geometry and trigonometry is required for course 3 and 4.

Text-book: Same as in course 3.

*Two recitations and two laboratory periods weekly, second semester.*

**5 and 6. Practical Electricity.**

**5. Direct Current Machinery and Application.** This course presents an opportunity to work with direct current dynamos and motors, and to study their development, construction and use. The application of direct current to electric arc and incandescent lighting storage batteries and electro-chemistry.

Recitations, assigned reading and laboratory work.

Text-book: Norris' Practical Electricity, with a laboratory manual.

*Three hours weekly, first semester.*

**6. Alternating current.** During the second semester the development of the use and construction of alternating current machinery and transmission of alternating current will be studied. Included in the subjects studied are single and polyphase alternators, transformers and their development, alternating current series and synchronous motors, single, two and three-phase induction motors, and the use and transmission of alternating current for power and lighting, D. C. and A. C. motors and their use, etc.

This course is open to students who have completed course 3 and 4, or to students who, on consultation with the Head of the Department, show that they have had sufficient preparation in general physics.

The electrical equipment includes a power plant, a 2 H. P. gasoline engine driving direct current and single- and double-phase alternating current dynamos, D. C. motors and A. C. motors, of synchronous, single-phase, two- and three-phase induction motors, standard and commercial volt and ammeters for both D. C. and A. C., storage batteries, transformers for single phase, and for changing two-to three-phase current arc and incandescent lamps of different voltages and of the latest types of metal filaments, and flaming arc, galvanometers, resistance boxes, bridges, etc.

A major in Physics and Chemistry may be secured by combining Chemistry 1-2, with Physics 3-4 and 5-6.

## POLITICAL AND SOCIAL SCIENCE.
PROFESSOR HILDRETH.

**1. Introduction to Economics.**

A course in the fundamental principles of Economics designed to secure for the student an intelligent understanding of the various economic theories. Attention will also be given to present day conditions, the aim being to make the study not less practical than theoretical, some attention being paid, so far as possible, to monopolies, the various aspects of the trust question, and problems connected with money and banking and international trade.

Text-book, readings and assigned topics for individual study.

This course is elective for Juniors or Seniors only.

*Three hours weekly, first semester.*

**2. Sociology.**

The subject is treated broadly, but with sufficient detail to provide a working knowledge of sociology, particular emphasis being placed upon the practical phases of the subject, especially with reference to conditions and problems in this country. The development of social relations is followed by a study of the units of organization and the following topics more particularly discussed, viz: population, both urban and rural, special problems of the city, employment, the present labor system, education, social well-being, charitable relief, criminology, so-called solutions for social and economic difficulties. The topical method of treatment is largely, although not exclusively, employed.

Text-book, lectures and reports on assigned topics for investigation.

Prerequisite: Economics 1.

*Three hours weekly, second semester.*

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## PUBLIC SPEAKING.
MISS ZICHY.

**1 and 2. Fundamental Principles of Expression.**

Open to Freshmen.

*One hour weekly, throughout the year.*

**3 and 4. Literary Interpretation and Repertoire.**

*Three hours weekly, throughout the year.*

**4 and 5. Extemporaneous Speaking and Oration.**

*Three hours weekly, throughout the year.*

# The Academy

## Aim.

The special purpose of the Academy is to furnish a thorough preparation to students who wish to take a full collegiate course. To this end the requirements for admission to colleges and universities have been made the basis of the course. At the same time this arrangement gives a practical and thorough high school course to those who do not intend to enter college.

## Admission.

Students entering the Academy must be prepared in the Arithmetic, Grammar, Geography, Physiology and United States History usually taught in the grammar grades. Admission to advanced standing may be obtained upon passing satisfactory examinations in the preceding studies of the course, or upon the presentation of of credentials showing that the work was thoroughly done elsewhere.

## Graduation.

Upon completion of the course of instruction, a certificate of graduation is given. The holder of a certificate is entitled to admission to college.

## Religious Exercises.

Daily chapel services, at which all the students are required to be present, are held. Attending divine worship at least once on the Sabbath is also obligatory upon all. Students are allowed to attend whatever church they may indicate at the opening of the year as their preference. There are two Christian Associations in the College, of which most of the Academy students are members.

## Literary.

The students of the Academy maintain a flourishing literary so-

ciety. The usual programs of such societies are given weekly. All Academy students are eligible to membership.

### Regulations.

Careful records are kept of the attendance and scholarship of students. If a student falls below grade, he is admonished, and if after such admonition, his work still continues unsatisfactory, he is dropped to a lower class.

### Expenses.

The annual charges for tuition are **twenty dollars.** Of this amount **ten** dollars are payable on the opening day of the first semester, and **ten** dollars on the opening day of the second semester. An incidental fee of **five** dollars per semester is charged to all students.

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## ENGLISH.

### A and B. First Year English.

Rhetoric. The text will be closely followed during the entire year. Especial attention will be given to narration and description. Short weekly themes upon subjects of interest to the pupil will be required. Rhetorical exercises will be required four times during each semester.

Classics. Last of the Mohicans, Lady of the Lake, Franklin's Autobiography, Christmas Carol, House of Seven Gables.

Reports. Three book reports will be required each semester. Books to be selected from list prepared by the instructor.

Text-book: Herrick and Damon's Rhetoric, revised edition.

### C and D. Second Year English.

Rhetoric. The text will be followed the first semester; the work in exposition and argumentation being carefully studied.

Classics. Ivanhoe, Silas Marner, Merchant of Venice, Webster's First Bunker Hill Oration, The Oregon Trail. Rhetorical exercises will be held four times during each semester.

Reports. One book of travel or history, one American novel, and one American poem to be read and reported upon the first semester.

One English novel to be reported upon the second semester. An original story of one thousand words and a paraphrase of a poem to be written during the second semester.

Text-books: Herrick and Damon.

**E and F. Third Year English.**

Composition. Review of narration, description, exposition and argumentation, with especial emphasis on argumentation. One written debate will be required during the first semester.

Classics. Burke's Speech on Conciliation, Ruskin's Sesame and Lilies, Julius Caesar, Macbeth, Macaulay's Essay on Johnson.

Outside Reading. David Copperfield, The Book of Ruth, Bacon's Of Truth, Of Studies, Of Great Place, Of Praise, Washington's Farewell Address. Rhetoricals will be held three times during each semester.

Reports. Three book reports will be required each semester. Books selected from list prepared by the instructor.

Text-book: Halleck's English Literature.

**G and H. Fourth Year English.**

Composition. A review of the principles of rhetoric and composition will be required; emphasis being given to oral composition.

Literature. Carlyle's Essay on Burns, Hamlet, Milton's Minor Poems, The Prisoner of Chillon, Selections from the Old Testament, Locksley Hall, selected Idylls, Sir Roger de Coverly papers. Rhetoricals will be held three times each semester.

Outside Reading. Tale of Two Cities, Thoreau's The Maine Woods, Emerson's Self Reliance.

Book Reports. Three reports will be required each semester. Books to be selected from list prepared by the instructor.

A thorough review of English Grammar will be given the second semester.

Text-book: Long's English Literature.

## GERMAN.

**A and B. Elementary Course.**

A. Thomas's German Grammar, Part I.

B. Grammar continued; Grimm's Maerchen, Storm's Immensee, Heyse's L'Arrabbiata.

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The object of this course is to give the student a thorough training in the essentials of German accidence and syntax, and to enable him to read easy German prose with expression. It should also give him a correct pronunciation and some skill in simple composition.

**C and D. Second Year Course.**

C. Baumbach's Frau Holde; Hildren's Hoeher als die Kirche; Freytag's Die Journalisten, Wildenbruch's Der Letzte; Grammar and Composition.

D. Tales from Hauff; Riehl's Fluch der Schoenheit; Arnold's Fritz auf Ferien; Schiller's Jungfrau von Orleans; Grammar and Composition.

This course is intended to give the student a large and varied vocabulary, and to develop a feeling for the German idiom. One hour a week is given to grammar and composition.

## GREEK.

**A. First Greek Book.**

The time is devoted to a thorough drill in pronunciation according to the written accents, to forms, simple constructions, and the acquirement of a vocabulary. Daily practice is given in the oral and written translations of Greek into English, and of English into Greek.

Text-book: White's First Greek Book.

**B. Anabasis.**

Books I and II are read, accompanied by a review of inflections and a systematic study of syntax.

Text-books: Goodwin's Anabasis, and Goodwin's Greek Grammar.

**C. Xenophon: The Anabasis III-IV.**

Review of the verb inflection; word formation; a general study of syntax with Greek composition. Xenophon's life, works, and characteristics as a writer. The expedition of Cyrus—its causes and its effects on Greek and Persian policy. The Greek art of war.

Text-book: Goodwin and White's Anabasis.

**D. Xenophon: The Memorabilia I-II, or Hellenica.**

The critical and grammatical study begun in the first semester will be continued throughout the year.

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## HISTORY.

**A and B. Ancient History.**

A review of the eastern nations, followed by a detailed study of the history of the Greeks and Romans. Collateral reading.
Text-book: West's Ancient World.

**C and D. Mediaeval and Modern History.**

A study of European history from the time of Charlemagne to the present day. Collateral reading.
Text-book: Revised Edition of Myer's Mediaeval and Modern History.

**E and F. American History.**

From the discovery of the New World onward, especial attention being given to the life of the people. Collateral reading.
Text-book: Student's American History, Montgomery, Revised Edition.

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## LATIN.

**A and B. Beginner's Course.**

The aim of this course is to give a thorough drill in the fundamentals as a preparation for Caesar.
Text-book: Gunnison and Harley's First Year of Latin.

**C and D. Caesar.**

Four books of Caesar's Gallic War are read, with weekly exercises in composition. In this year the drill on syntax and idiom is constant both in reading and composition.
Text-book: Kelsey and D'Ooge's Caesar's Gallic War.

**E and F. Cicero.**

Six orations of Cicero are read and in addition the Archias and Marcellus or Manilian Law. In addition to drill on syntax an attempt will be made to show Cicero as an orator and man of letters.

Text-books: Kelsey's Cicero's Orations and D'Ooge's Latin Composition.

**G and H. Vergil.**

Six books of the Aeneid are read. Constant practice in scanning is given. The Aeneid will be presented as a great national poem and Vergil's influence on Roman and Mediaeval literature will be emphasized.

Text-book: Comstock's Vergil.

Supplementary Readings.

Students should read some or all of the following books in connection with their preparatory Latin work:

First Year: Bullfinch's Age of Fable and Murray's Manual of Mythology.

Second Year: Plutarch's Caesar and Froude's Caesar.

Third Year: Forsyth's Cicero (2 vols.) and Plutarch's Cicero.

Fourth Year: Sellar's Vergil, Tunison's Master Vergil, and Comparetti's Vergil in the Middle Ages.

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## MATHEMATICS.

**A and B. Algebra.**

This course is pursued the first year and extends through Quadratic Equations. Mastery of elementary processes with accuracy and rapidity is the chief aim. The course will include simple equations, positive and negative numbers, fundamental operations, factoring, fractions, problems in one or more unknowns, quadratic equations.

Text-book: Slaught and Lennes' High School Algebra.

**C and D. Plane Geometry.**

This course is open to students who have had courses A and B or their equivalents. The fundamental propositions are demon-

strated and discussed together with frequent exercises in the original demonstration of theorems and the solution of numerical problems.

Text-book: Durrell's Plane and Solid Geometry.

**E. Solid Geometry.**

Open to students who have had courses C and D or their equivalent. Special attention is given to the application of these theorems to practical problems in mensuration.

Text-book: Durrell's Plane and Solid Geometry.

**F. Algebra.**

Open to students who have had courses A and B and preferably C, D and E. This is a continuation of courses A and B, and includes additional work in quadratic equations, advanced work in ratio, variation and proportion, exponents and radicals, logarithms and progressions, is pursued.

Text-book: Slaught and Lennes' High School Algebra.

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## SCIENCE.

**A and B. Physical Geography.**

Text-book: Gilbert and Brigham's Introduction to Physical Geography.

**C and D. Physics.**

This course is a combination of recitation and laboratory work, three hours each week being assigned to the former and two hours to the latter. A laboratory fee of two dollars a semester is charged.

During the past year all students in the Academy have been given one hour a week in public speaking.

## THE ACADEMY COURSE.

### First Year.

FIRST SEMESTER.

English A—Composition and American Literature.
Mathematics A—Algebra.
Latin A—Grammar and Lessons.
Science A—Physical Geography.

SECOND SEMESTER.

English B—Composition and American Literature.
Mathematics B—Algebra.
Latin B—Grammar and Easy Prose.
Science B—Physical Geography.

### Second Year.

FIRST SEMESTER.

English C—Composition and American Literature.
Mathematics C—Plane Geometry.
Latin C—Caesar and Composition.
History A—Ancient History.

SECOND SEMESTER.

English D—Composition and American Literature.
Mathematics D—Plane Geometry.
Latin D—Caesar and Composition.
History B—Ancient History.

### Third Year.

FIRST SEMESTER.

English E—Composition and English Literature.
Mathematics E—Solid Geometry.
Latin E—Cicero.
History C—Mediaeval.
Greek A—Beginning.
German A—Elementary.
} Choose three.

SECOND SEMESTER.

English F—Composition and English Literature.

Mathematics F—Algebra.
Latin F—Cicero.
History D—Modern.
Greek B—Anabasis.
German B—Elementary.
} Choose three.

**Fourth Year.**

FIRST SEMESTER.

Science C—Physics.
Latin G—Vergil.
Greek C—Anabasis.
German C—Readings.
English G—Composition and English Literature.
History E—American.
} Choose three.

SECOND SEMESTER.

Science D—Physics.
Latin H—Vergil.
Greek D—Memorabilia.
German D—Readings.
English H—Composition and English Literature.
History F—American.
} Choose three.

All courses in the Academy have five recitation periods each week.

# School of Music

The work of this department is modeled after that of the New England Conservatory, and the distinguishing characteristics of that great institution are incorporated in its methods of instruction.

Thorough instruction is offered in the following: Piano, Voice Culture and Singing, Violin, Ear Training, Harmony, and the Theory and History of Music.

## Piano.

**First Grade:**—New England Conservatory Course (First Grade). Technical exercises for acquiring correct position of hands and strengthening fingers.

**Second Grade:**—New England Conservatory Course (Second Grade). Koehler, Twelve Little Studies, Op. 157; Loeschhorn, Melodious Studies, Op. 52, Book I; Koehler, Children's Friend, Op. 243, Books I and II; Loeschhorn, Progressive Studies, Op. 66, Book I; Heller, Studies, Op. 47, Book I; Koehler, Small School of Velocity, Op. 242; Sonatinas by Kuhlau, Kullak, and Clementi.

With this grade begins the study of the scales and chords in the major and minor keys.

**Third Grade:**—Bertini, Op. 29, Book I; Heller, Op. 45, Book II; Krause, Op. 2, Book I (Trill Studies); Berens, Op. 61, Books I and II (Velocity Studies); Czerny, School of Velocity, Op. 636; Bach, Six Short Preludes and Two-Part Inventions; Loeschhorn, Op. 66, Books II and III.

Practice of scale and chords, together with arpeggios and various finger exercises.

**Fourth Grade:**—Cramer, Fifty Selected Studies, edited by Von Bulow; Czerny, Op. 740, Books I and II; Bach, Three-Part Inventions; Heller, Op. 45 or 90; Czerny, Octave Studies, Op. 553.

**Fifth Grade:**—Clementi, Gradus ad Parnassum, edited by Tausig; Kessler, Op. 20, Book I; Bach, Three-Part Inventions; Mosheles, Op. 70, Books I and II; Low, Octave Studies; Alex. Hollander, Six pieces for left hand, Op. 31.

**Sixth Grade:**—Chopin, Etudes; Selections from Bach's Well-Tempered Clavichord; Czerny's School of Virtuosity, Op. 365; Kullak, Octave Studies; Liszt, Etudes; Schuman, Op. 13.

Daily technical work is required in all grades, and compositions selected from the best modern writers and from the classics are given throughout the year.

### Theory.

One year is required for this work. Elson's Theory is used as a text-book. This is supplemented by lectures on the physical side of music.

### Voice Culture.

The work is given in three divisions.

1. Technics, consisting of exercises and syllables that promote the development and proper use of the muscles of the mouth, throat and breathing organs.

2. Etudes for the application of the principles learned in Technics.

Pauseron, Panofka, Marchesi, Vaccai.

3. Songs embodying the principles learned in Technics and Etudes. Art study and Dramatic Expression.

### Violin.

This course is divided into six grades, commencing with the correct manner of holding the instrument and bow, and the production of a smooth, round and full tone. Studies in the different kinds of bowing, finger exercises, etc. Composition from the classic and modern composers.

### Organ.

This course begins with exercises for pedal technique. Allen's Pedal Studies; Dudley Buck's Studies for Pedal Technique and Exercises by Widor for Pedals are used. Organ Works by Bach, Mendelssohn and the best of modern composers are studied.

### Musical History.

One year is required for the study of musical history. Filmore's History of Music is used as a text. This is supplemented by lectures on various subjects bearing on music and musicians, both past and present.

### Harmony.

The study of Harmony is essential to every student of music, and a graded course covering two years is provided. The first year is devoted to Ear Training and the second to Chadwick's Harmony.

### Literary Work.

All courses of the Academy and College are open to students in the School of Music, and work in the department of French, German and English is especially advised. Such work gives variety, breadth, and culture to those who choose music as a profession.

### Recitals.

Public pupils recitals are given every two weeks. Each student is required to take part and thus acquire that self control and composure, so necessary to a satisfactory performance.

### Diplomas.

The student who successfully completes the six grades in either Piano, Voice or Violin, together with one year of Ear Training, Harmony, Musical History, and Theory of Music and gives a satisfactory public recital, will be granted a diploma, provided sufficient advancement has been made along literary lines to enable the student to enter the Freshman class of the college. Numerous concerts by well known artists are given throughout the year.

### Teacher's Certificate.

The student who takes two years of Normal work, plays satisfactorily in recitals four times and completes four grades in either Piano, Voice or Violin, together with one year of Ear Training, Harmony, Musical History and Theory of Music, will be granted a Teacher's Certificate, provided sufficient advancement has been made to enable the student to enter the Freshman class of the College.

### Thalia Glee Club.

The Thalia Glee Club is under the direction of Miss Glenn. This organization, consisting of twenty young ladies, is doing excellent

work. The club gives two concerts each year and takes a week's tour during the Easter recess, besides assisting at various public exercises during the year.

**Expenses.**

The charges for tuition per term of 12 weeks, two lessons each week, are as follows:

| | |
|---|---|
| Piano | $18.00 |
| Voice Culture | 18.00 |
| Violin | 18.00 |
| Organ | 18.00 |
| Harmony (in class) | 12.00 |
| Harmony (in private) | 18.00 |
| Piano rent (one hour daily, per term) | 2.00 |
| Ear training (six in class) | 10.00 |
| Theory (in class) | 15.00 |
| Musical History (in class, per year) | 10.00 |
| Piano Normal Course for teachers (in class, per year) | 10.00 |
| Piano Normal Course for pupils (3 in class, per year) | 15.00 |

Tuition payable strictly in advance. No pupil taken for less than a term. No deductions for lessons missed, except in cases of protracted illness.

For further information address the Director of the School of Music.

# Business Courses

## SHORTHAND AND TYPEWRITING.

MR. DOWNARD.

MR. GATES.

In response to a demand for work in commercial branches, courses in shorthand and typewriting were opened in the fall of 1910. There are numbers of students following the regular academic course who wish to do work in this department to use in business after graduation, while others may wish to use their ability in this line to earn money with which to continue work in the College. The advantages of pursuing commercial studies in connection with the environment and atmosphere of the College are quite obvious.

The combined Shorthand and Typewriting Course consists of four hours a week throughout the year for those taking regular work in the College. For those taking work in this department only, the combined course will require eight hours a week for a term of six months.

### Shorthand.

This course consists of the principles of shorthand, reading and writing of shorthand, drills on different kinds of subject matter, such as letters, essays and orations. The last three months will be devoted to dictation exercises in order to develop speed.

The text used is published by the A. S. Barnes Co., and is one of the best books published on the science of phonography. The principles are based on the Isaac Pitman and Graham systems of Shorthand.

### Typewriting.

The order of instruction is as follows: Use and care of the machine; mastery of the touch system, i. e., training the sense of location by means of a standard chart until the whole key-board is mastered; principles of letter-writing, punctuation, paragraphing, folding letters properly, addressing envelopes; speed sentences and exercises; legal forms, specifications, tabulations, invoices, methods of manifolding and mimeographing.

### Bookkeeping.

The course is designed to set forth the principles and rules of accounting and to give sufficient exercise in applying these principles to fix them firmly in mind. The first half of the year is spent on general exercise work with the view of securing a broad foundation and the last half of the year is taken up with more advanced work and students specialize in such kinds of accounting as are used in Commission, Lumbering, Manufacturing and Banking offices.

The text used is published by J. A. Lyons & Co., and is recognized as one of the best books on accounting in use today.

Those who are interested in this department should address The President for information in regard to courses and rates of tuition.

No credit in academic courses is allowed for work in this department.

## Domestic Science and Art

MISS McHENRY.

### Domestic Science.

The purpose of the course in Domestic Science is to give a practical training in all matters pertaining to house management. Special emphasis is given to the study of food materials, their composition, digestibility and cost, and to principles of cookery, marketing and accounts. The principles of cookery are illustrated by the preparation of simple dishes in the laboratory, each student preparing an entire dish. Practice is given in preparing menus.

*Classes meet two hours weekly, throughout the year.*

### Domestic Art.

Domestic Art deals with the study of textiles, their varieties, structure, processes of manufacture, cost and suitability for various purposes. Attention is given to the care of fabrics, methods of cleaning and mending, the different stitches used in hand and machine sewing, the drafting of patterns, cutting and making of simple garments.

*Classes meet two hours weekly, throughout the year.*

# Prizes and When Awarded

## 1911-12.

THE HORACE SILLIMAN SCHOLARSHIP.

Nellie Julian.

THE GEORGE LINCOLN SEELEY SCHOLARSHIP.

Charles William McClelland.

THE ELIZA MATILDA FOSTER SCHOLARSHIP.

Etha Louise Buchanan.

THE D. C. BROCKMAN PRIZE IN ECONOMICS.

Frank Stone Boies.

THE KELLOGG PRIZES IN ORATION.

Arthur Leighton Young, First.

Mark Hopkins Tibbetts, Second.

THE MASON PRIZES IN ORATION.

Bessie Gertrude Jeffrey, First.

Mortimer John Lott, Second.

THE FOSTER PRIZES IN DEBATE.

Bruce Frederick Gates, First.

Arthur Leighton Young, Second.

Lyle Monfort Cassatt, Third.

Paul McClure Hinkhouse, Fourth.

# Alumni Association

## OFFICERS FOR 1911-12.

FRANK M. FULLER, '88, Chairman.
GRACE McCLAIN, '99, Secretary and Treasurer.

## EXECUTIVE COMMITTEE.

W. G. ROSS, '80.
ANNA COTTLE MARCY, '83.
ARTHUR G. JORDAN, '93.
GRACE HAGUE CALLISTER, '03.

## THE ALUMNI QUARTERLY.

### Editorial Staff.

ROSCOE P. THOMA, '06,
LESLIE D. HARPER, '06, : : : Editors-in-Chief
HELEN WHITE GREEF, '10, : : : Assistant Editor
HARRY P. THORNE, '01, : : : Business Manager
JAMES S. GAUMER, '97, : : : Assistant Manager

# Degrees and When Conferred

## 1911.

### HONORARY.

**Doctor of Divinity.**

REV. HERBERT W. REHERD, : : Waterloo, Iowa

**Master of Arts.**

HELEN ALICE BEAN, : : : : Hopkinton, Iowa

**Bachelor of Arts.**

GRACE HELENE ALLEN,
HESTER ELSIE BALL,
LARUE SAWYERS BARNETT,
EDGAR ROGERS BEAN,
FRANK STONE BOIES,
MABEL CURRAY,
ROBERT BRUCE FINDLAY,
CORA ERCEL FLINSPACH,
JOSEPHINE FLORENCE GLOTFELTY, (cum laude)
BESSIE LUTITIA GREEF,
FLORA ELIZABETH LAMSON,
PETER PERCY LAUDE,
IVA NELL MANNING,
MARGARET McKEMEY, (cum laude)
PAUL FRAZIER McLEAN,
ADA BELLE MONTGOMERY, (cum laude)
GRACE CHARLOTTE PALMER,
GRACE ADA SANDILAND,
BLANCHE ETTA SAWTELL.
ORA SCHEFFEL,
EDWARD JENKS STEPHENSON, (cum laude)
ESTHER SHIPMAN SNOOK,
WALTER ELLIS WELCH,
GERTRUDE BELLE WHITMORE,

**Bachelor of Philosophy.**

ROY ERNEST CURRAY,
ELLERY MURRAY RANEY.

**Bachelor of Science.**

DWIGHT TARBELL EWING,
EUGENE ADDISON HOWARD,
WILLIAM RICHARD KRAPFEL.

# List of Students

## STUDENTS IN THE COLLEGE.

### Seniors.

| Name | Major | Home |
|---|---|---|
| Buchanan, Etha Louise | English | Fairfield |
| Cassel, Harold Frederick | Biology | Fairfield |
| Creswell, Florence | Latin | Hillsboro |
| DuBois, Mabel Anne | Mathematics | Fairfield |
| Edwards, Lucy Emily | German | Des Moines |
| Ewing, Warren Walter | Chemistry | Grimes |
| Laughlin, Laurence Losson | Political Economy | Batavia |
| McClelland, Charles William | Political Economy | Ottumwa |
| Roth, Florence Elizabeth | Latin | Fairfield |
| Tibbetts, Mark Hopkins | Biology | Fairfield |
| Young, Arthur Leighton | Physics | Pulaski |

### Juniors.

| | |
|---|---|
| Black, Eugene | Fairfield |
| Bowen, Grace Frances | Kalamazoo, Mich. |
| Cosens, Adaline | Mediapolis |
| Daugherty, Lena Gertrude | Bedford |
| Fisher, Erma Hazel | Fairfield |
| Frescoln, Gladys Phoebe | Batavia |
| Harper, Myrtle | Fairfield |
| Hinkhouse, Paul McClure | Fairfield |
| Ingham, Mabel | Brighton |
| Johnson, Margaret | Bonaparte |
| Julian, Nellie | Fairfield |
| Koons, Ruth Iva | Batavia |
| Leighty, Essie Brooks | Dexter |
| Louden, Robert Roy | Fairfield |
| McClure, Helen Frances | Bangkok, Siam |
| McEwan, Emma Marion | Orange City |
| McGohan, Lucy May | Fairfield |
| McMullin, Antoinette Louise | Burlington |
| Merrifield, Paul Drake | Watervliet, Mich. |

Nessen, Barbara Marie ..... Derby
Nickelsen, Mary Johanna ..... Mediapolis
Parr, Pauline ..... Hamilton, Mo.
Welch, Chester Clair ..... Bedford

**Sophomores.**

Andrews, Joseph ..... Mediapolis
Berger, Barbara Evangeline ..... Red Oak
Cassat, Lyle Monfort ..... Corning
Collins, Chauncey ..... Fairfield
Courter, Ruth Lee ..... Winfield
Fulton, Mina Evelyn ..... Fairfield
Gearhart, Martin Arthur ..... Batavia
George, Grace ..... Fairfield
Greer, Zora Lavina ..... Seymour
Jeffrey, Bessie Gertrude ..... Creston
Lott, Mortimer John ..... Twin Bridges, Mont.
McKee, Jennie Mae ..... Birmingham
Richardson, Zua Christel ..... Clarinda
Rodgers, Homer Leroy ..... Fairfield
Sawyers, Alice Eleanor ..... Eldon
Schillerstrom, Glen Joseph ..... Salina
Slater, Clarence ..... Russell
Turner, Donald George ..... Corning
Ward, Frank ..... Fairfield
Whitmore, Ruth Marguerite ..... Fairfield
Waters, Carleton Nicholas ..... Fairfield
Zeigler, Sanford Jr. ..... Fairfield

**Freshmen.**

Barnett, Mildred Sawyers ..... Centerville
Campbell, Elizabeth ..... Milton
Case, Ralph Thomas ..... Washington
DuBois, Thomas Kourt ..... Fairfield
Earley, John William ..... Hillsboro
Foelker, Sarah Anne Elizabeth ..... Keokuk
Galliher, Royal Vaska ..... Fairfield
Gates, Bruce Frederick ..... Waterloo
Haight, Chester Waldo ..... Winfield
Hillman, Irene Eveline ..... Fairfield

Howard, Lester William Robert ..... Grimes
Ireland, Charles Wilson ..... Fairfield
Johnson, Albert Clifford ..... Fairfield
Julian, Arthur Earl ..... Fairfield
Kirkpatrick, Merle ..... Fairfield
Leggett, George Phelps ..... Fairfield
Lewis, Flossie Mae ..... Batavia
Lewis, Maude Elizabeth ..... Batavia
Meek, Regina ..... Bonaparte
Miller, June Carroll ..... Mediapolis
Miller, Quay Oliver Bruce ..... Birmingham
Sloanaker, Helen Lois ..... Keokuk
Ward, Fred Irwin ..... Fairfield
Whitaker, John Talmage ..... Fairfield
Whitmore, Bessie Irena ..... Batavia
Wilson, Kate Lucinda ..... Morning Sun
Winter, Daniel Ludwig ..... Middletown
Wise, Fred Basile ..... Winfield
Witt, Ralph Philip ..... Winterset
Yount, George Raymond ..... Fairfield

**Special Students.**

Clarke, Charles William ..... Fairfield
Cowgill, Barney ..... Clarks, Neb.
Deming, Chloe Irene ..... Fairfield
Evans, Arthur Cleveland ..... Chicago, Ill.
Hewett, John Earl ..... Fairfield
Holgate, Leland Russell ..... Fairfield
McElwain, Nina Gentle ..... Creston
Voorhies, Harold ..... Fairfield

**Students in Domestic Science.**

Lewis, Flossie May ..... Batavia
Lewis, Maude Elizabeth ..... Batavia

**Students in Expression.**

Berger, Barbara Evangeline ..... Red Oak
Browning, Maurine ..... Fairfield
Foelker, Sarah Anne Elizabeth ..... Keokuk
Greer, Zora Lavinia ..... Seymour

Hendricks, Margaret Anne ..... Derby
Jeffrey, Bessie Gertrude ..... Creston
Jones, Bessie Rozetta ..... Richland
McGohan, Clinton ..... Fairfield
McGohan, Lucy May ..... Fairfield
Sumner, Ruth ..... Fairfield
Waters, Carleton Nicholas ..... Fairfield
Wilson, Kate Lucinda ..... Morning Sun

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## STUDENTS IN THE ACADEMY.

### Third Year.

Campbell, William Matthew ..... Fairfield
Curray, Robina ..... Batavia
Davis, Wyndon Hewitt ..... Libertyville
Ellis, Everett Lovel ..... Grimes
Ellmaker, Jessie ..... Batavia
Fourt, Arthur ..... Fairfield
Fulton, Frank Fremont ..... Libertyville
Hendricks, Margaret Anne ..... Derby
Hinkhouse, Fred Junkin ..... Fairfield
Hughell, Mary Blanche..... Batavia
Koons, Verner Dillen ..... Batavia
McCleary, Bruce ..... Crawfordsville
McClure, Ernest Lucas ..... Bangkok, Siam
McKenzie, Clarence ..... Kalona
Messer, Harry Fred ..... Hedrick
Patterson, Harry Wallace ..... Winfield
Pond, Earl Hardin ..... Greenview, Ill.
Reed, John Archibald ..... Mediapolis
Spencer, Frank Turner ..... Derby
Sutherlin, Ralph Bruce ..... Batavia
Teeter, Verl ..... Fairfield
Welch, Otto Wayne ..... Bedford
Whitmore, Ray ..... ..Batavia

### Second Year.

Atwood, Evelyn ..... Fairfield
Atwood, Irwin Wyllie ..... Fairfield

Curray, Winnie ..... Batavia
Fulton, Martha Elizabeth ..... Libertyville
Lee, Mylo Webb ..... Fairfield
Lugn, Alvin Leonard ..... Mediapolis
McGohan, Clinton ..... Fairfield
McKee, Loretta Blossom ..... Stockport
Poston, Bertha Louise ..... Princeton
Riniker, Marguerite Fern ..... Libertyville
Robertson, Floyd ..... Libertyville
Sharar, Leila Luckenbill ..... Mediapolis
Shores, Era Laura ..... Fairfield
Smith, Willard Clark ..... Waterloo
Swanson, Nellie Dorothy ..... Libertyville
Taylor, Harry ..... Washington
Thorpe, Kenneth Stubbs ..... Fairfield
Welsh, John Lloyd ..... Fairfield
Whitmore, Margaret Lucile ..... Batavia
Whitmore, William ..... Batavia

**First Year.**

Bank, Hulda Lydia ..... Donnellson
Barger, Lewis Welmond ..... Ottumwa
Bishop, John Paul ..... Fairfield
Clark, Margaret Grace ..... Packwood
Crew, Cecil Charlotte ..... Fairfield
Culbertson, Anna Helen ..... Fairfield
Flinspach, Wade Wesley ..... Fairfield
Gross, Myrtle Lee ..... Ottumwa
Hildreth, Edward ..... Fairfield
Ireland, Raymond Mallalieu ..... Fairfield
Johnson, Martha Veleda ..... Fairfield
Palmer, Eugene ..... Ottumwa
Parsons, Asa Aaron ..... Fairfield
Pence, Martha Pearl ..... Lockridge

**Special Students.**

Cline, Minnie Ethel ..... Salem
Keith, Viola ..... Montrose
Workman, Fred Oliver ..... Birmingham

## STUDENTS IN THE SCHOOL OF MUSIC.

| | |
|---|---|
| Adkinson, Ferol | Libertyville |
| Adkinson, Kenneth | Libertyville |
| Allender, Irma | Fairfield |
| Allender, Wilma Marie | Fairfield |
| Baker, Lillian Luella | Fairfield |
| Barnett, Mildred Sawyers | Centerville |
| Best, Helen | Batavia |
| Bevering, Margaret Virginia | Fairfield |
| Black, Lilian Katherine | Fairfield |
| Blough, Helen Gertrude | Fairfield |
| Bradshaw, Carroll | Fairfield |
| Brown, Edmund | Fairfield |
| Campbell, Elizabeth | Milton |
| Cline, Minnie Ethel | Salem |
| Collins, Bertha May | Fairfield |
| Cuddy, William Milton | Fairfield |
| Culbertson, Anna | Fairfield |
| Davis, Ruth | Libertyville |
| Deming, Chloe Irene | Fairfield |
| Diers, Cora Jane | Fairfield |
| Ellis, Everett Lovel | Grimes |
| Emery, Elizabeth May | Fairfield |
| Fischel, Richard | Fairfield |
| Fischer, Lena Dell | Fairfield |
| Friend, Audrey | Eldon |
| Fulton, Catherine Eliza | Fairfield |
| Fulton, Susan Elizabeth | Fairfield |
| George, Grace | Fairfield |
| Hastings, Hazel | Eldon |
| Hastings, Marie | Eldon |
| Hickenbottom, Mary Louise | Fairfield |
| Hildreth, Edward | Fairfield |
| Hinkhouse, Gertrude | Fairfield |
| Holgate, Leland Russell | Fairfield |
| Holgate, Raymond David | Fairfield |
| Hughell, Mary Blanche | Batavia |
| Israel, Robert Henry | Fairfield |
| Jewett, Ozro Paul | Fairfield |

Johnson, Cecil Ellis ..... Fairfield
Jones, Bessie Rozetta ..... Richland
Junkin, Louise ..... Fairfield
Kaufman, Mabel Louise ..... Fairfield
Kearns, Jeanette Laura ..... Fairfield
Keith, Viola ..... Montrose
Kerrick, Mary Louise ..... Fairfield
Kramme, Sibyl Ione ..... Fairfield
Kramme, Zola Irene ..... Fairfield
Kyle, Silvia ..... Fairfield
Larson, Maude ..... Fairfield
La Tourette, Mary ..... Batavia
Leggett, Ruth Eleanor ..... Fairfield
Lewis, Venis ..... Ottumwa
Louden, Roberta Biddle ..... Fairfield
Maasdam, Elizabeth Louise ..... Fairfield
Maasdam, Marie Elizabeth ..... Fairfield
McClelland, Corinna ..... Corning
McClure, Helen Frances ..... Bangkok, Siam
McHaffey, Elizabeth ..... Eldon
McKee, Loretta Blossom ..... Stockport
McKenzie, Virginia Rowland ..... Fairfield
McKenzie, William Monroe ..... Fairfield
McPherson, Ila Elsie ..... Fairfield
McWhirter, Helen Bertha ..... Fairfield
McWhirter, Ray Irwin ..... Fairfield
Manatrey, Margaret Louise ..... Fairfield
Medes, Madelon Crawford ..... Fairfield
Meek, Regina ..... Bonaparte
Merckens, Mary Katherine ..... Fairfield
Miller, Grace ..... Ottumwa
Miller, June Carrol ..... Mediapolis
Monfort, Josephine Ayers ..... Fairfield
Montgomery, John McDonell ..... Fairfield
Nelson, Ruth Christina ..... Fairfield
Palmer, Eugene ..... Ottumwa
Parks, Vara Alice ..... Fairfield
Peebler, Nellie Marie ..... Fairfield
Pickard, Carrie Blossom ..... Pleasant Plain
Pond, Earl Hardin ..... Greenview, Ill.

Power, Helen Bee ..... Fairfield
Radley, Bertha Edna ..... Fairfield
Raney, Elizabeth ..... Fairfield
Raney, Frederick McAllister ..... Fairfield
Rider, Grace ..... Fairfield
Ringland, Jessie Marie ..... Winfield
Riniker, Marguerite Fern ..... Libertyville
Roth, Julia Margaret ..... Fairfield
Ruth, Minnie ..... Winfield
Samuelson, Edna ..... Fairfield
Sawtell, Della Priscilla ..... Fairfield
Scheffel, Iva ..... Fairfield
Scott, Jessie ..... Batavia
Shores, Era Laura ..... Fairfield
Smith, Varilla ..... Lockridge
Snider, Dorothy ..... Fairfield
Snider, Irene ..... Fairfield
Stevenson, Pauline ..... Fairfield
Sullivan, Margaret Elizabeth ..... Fairfield
Thoma, Elizabeth ..... Fairfield
Tibbetts, Mark Hopkins ..... Fairfield
Turner, Donald George ..... Corning
Turney, Alice Frances ..... Fairfield
Turney, Kathryn Elizabeth ..... Fairfield
Turney, Kathryn Louise ..... Fairfield
Turney, Sara Eleanor ..... Fairfield
Unkrich, George William ..... Fairfield
Wolgemuth, Helen Katherine ..... Fairfield
Wendt, Lester Edward ..... Fairfield
Wilson, Bessie Bernice ..... Fairfield
Wise, Fred Basile ..... Winfield
Wisecarver, Carrie May ..... Fairfield
Wisecarver, Ethel Ruth ..... Fairfield
Wisecarver, Zaida ..... Fairfield
Zichy, Elsie Eugenia ..... Fairfield

## STUDENTS IN BUSINESS COURSES.

Cowgill, Barney ..... Clarks, Neb.
Crew, Cecil Charlotte ..... Fairfield
Earley, John William ..... Hillsboro
Ewing, Warren Walter ..... Grimes
Jones, Bessie Rozetta ..... Richland
Robertson, Floyd ..... Libertyville
Schaefer, August ..... Fairfield
Starr, William ..... Keosauqua
Whitaker, John Talmage ..... Fairfield
Witt, Ralph Philip ..... Winterset
Workman, Fred Oliver ..... Birmingham

# Summary

THE COLLEGE—

| | |
|---|---|
| Seniors | 11 |
| Juniors | 23 |
| Sophomores | 22 |
| Freshmen | 30 |
| Special | 8 |
| Total | 94 |
| THE ACADEMY— | 60 |
| Total Literary Students | 154 |
| School of Music | 113 |
| Expression | 12 |
| Domestic Science | 2 |
| Business Courses | 11 |
| Total | 292 |
| Names counted twice | 41 |
| Net total | 251 |

# An Appeal

Parsons College, now in its thirty-seventh year, will graduate its thirty-first class in June. Of the three hundred and sixty-five Alumni a large proportion have gone into altruistic callings and are working for the uplift of the race. The College purposes to be an ally of the forces of righteousness, and it aims to inspire all its students to go out as helpers. Its history has been one of struggle against poverty and it has been hampered in its progress by lack of funds. It seeks to make possible a first-class education for every boy or girl that wants one. Its work must of necessity be largely for youth of small means, hence its receipts from students sources will be meager. It must, therefore, ever depend upon the good will and generosity of those to whom God has entrusted this world's goods.

The great need is for increased endowment that the purpose of the church in establishing this school may be most fully met, for the equipment of the past will not suffice for the present and future. Below are suggestions of needs which friends will appreciate.

1. Funds for the purchase of apparatus for the departments of Chemistry, Physics, Biology, Experimental Psychology, Astronomy, and for enlarging the Library and Museum are in much demand.

2. The establishment of Professorships. Twenty-five thousand dollars will do this and place on a permanent basis each department. Such a chair would bear the name of the donor of the endowment and thus become a monument for all time.

3. Contributions from the churches for the current expenses. Here is a way in which all can help that will mean much.

## FORM OF BEQUEST.

I give and bequeath to Parsons College, situated in Fairfield, Jefferson County, Iowa, the sum of .....

Those who desire information in regard to the College will please address:

President Willis E. Parsons, Fairfield, Iowa.

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The Ledger, Fairfield, Iowa